

INDUSTRIAL PANEL PC

IPC4-070QDW

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

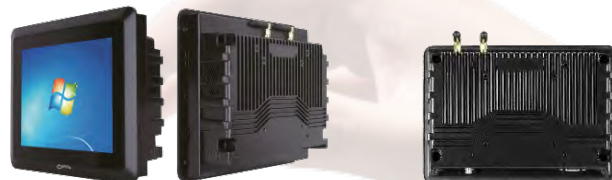
- Pure Flat Panel IP65 Dust-Proof and Waterproof
- High Precision Aluminum Alloy Material
- Self-Developed Fanless X86 Architecture industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



7" Intel® Celeron®



7" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	7" TFT LCD
Resolution	1024x600
Viewing Angle	75/75/70/75 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast Ratio	500:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]

Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	18W

Dimensions

Outer	W 225.0 x H 160.7 x D 59.0 mm
Cut-Out	W 210.8 x H 146.5 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-070W-C10-6412	IPC4-070W-C20-6412	IPC4-070W-C11-6412	IPC4-070W-C21-6412
Intel® Core™ i3-8145U	IPC4-070W-i310-8145	IPC4-070W-i320-8145	IPC4-070W-i311-8145	IPC4-070W-i321-8145
Intel® Core™ i3-10110U	IPC4-070W-i310-10110	IPC4-070W-i320-10110	IPC4-070W-i311-10110	IPC4-070W-i321-10110
Intel® Core™ i5-8265U	IPC4-070W-i510-8265	IPC4-070W-i520-8265	IPC4-070W-i511-8265	IPC4-070W-i521-8265
Intel® Core™ i5-10210U	IPC4-070W-i510-10210	IPC4-070W-i520-10210	IPC4-070W-i511-10210	IPC4-070W-i521-10210
Intel® Core™ i7-7500U	IPC4-070W-i710-7500	IPC4-070W-i720-7500	IPC4-070W-i711-7500	IPC4-070W-i721-7500
Intel® Core™ i7-10510U	IPC4-070W-i710-10510	IPC4-070W-i720-10510	IPC4-070W-i711-10510	IPC4-070W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ I3-8145U 2.10 GHz	Intel® Core™ I3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ I5-8265U 1.60 GHz	Intel® Core™ I5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

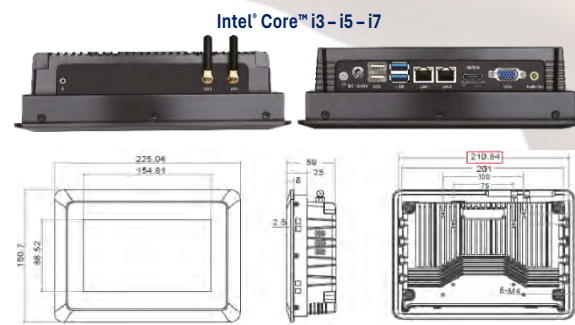
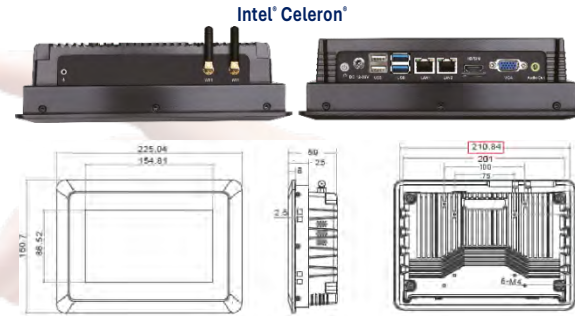
CPU	Intel® Core™ I7-7500U 2.70 GHz	Intel® Core™ I7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands - Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave Ffor 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-080QDW

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

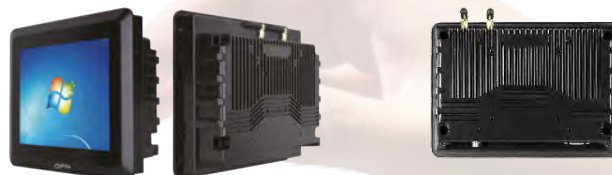
- Pure Flat Panel IP65 Dust-Proof and Waterproof
- High Precision Aluminum Alloy Material
- Self-Developed Fanless X86 Architecture industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



8" Intel® Celeron®



8" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	8" TFT LCD
Resolution	1024×600
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast Ratio	800:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]



Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	18W

Dimensions

Outer	W 225.0 x H 160.7 x D 59.0 mm
Cut-Out	W 201.0 x H 170.8 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-080W-C10-6412	IPC4-080W-C20-6412	IPC4-080W-C11-6412	IPC4-080W-C21-6412
Intel® Core™ i3-8145U	IPC4-080W-i310-8145	IPC4-080W-i320-8145	IPC4-080W-i311-8145	IPC4-080W-i321-8145
Intel® Core™ i3-10110U	IPC4-080W-i310-10110	IPC4-080W-i320-10110	IPC4-080W-i311-10110	IPC4-080W-i321-10110
Intel® Core™ i5-8265U	IPC4-080W-i510-8265	IPC4-080W-i520-8265	IPC4-080W-i511-8265	IPC4-080W-i521-8265
Intel® Core™ i5-10210U	IPC4-080W-i510-10210	IPC4-080W-i520-10210	IPC4-080W-i511-10210	IPC4-080W-i521-10210
Intel® Core™ i7-7500U	IPC4-080W-i710-7500	IPC4-080W-i720-7500	IPC4-080W-i711-7500	IPC4-080W-i721-7500
Intel® Core™ i7-10510U	IPC4-080W-i710-10510	IPC4-080W-i720-10510	IPC4-080W-i711-10510	IPC4-080W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

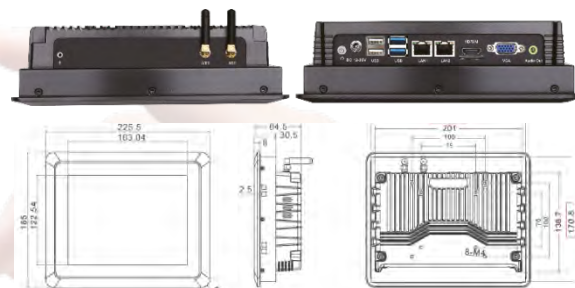
RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands – Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

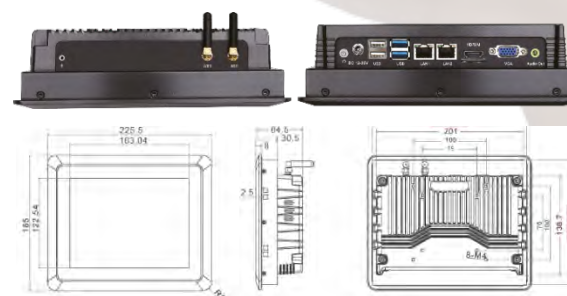
WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave Ffor 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES

Intel® Celeron®



Intel® Core™ i3 – i5 – i7



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-101W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



10.1" Intel® Celeron®



10.1" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	10.1" TFT LCD
Resolution	1280×800
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast Ratio	1000:1

Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	60W

Dimensions

Outer	W 293.6 x H 193.6 x D 58.0 mm
Cut-Out	W 276.5 x H 176.5 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-101W-C10-6412	IPC4-101W-C20-6412	IPC4-101W-C11-6412	IPC4-101W-C21-6412
Intel® Core™ i3-8145U	IPC4-101W-i310-8145	IPC4-101W-i320-8145	IPC4-101W-i311-8145	IPC4-101W-i321-8145
Intel® Core™ i3-10110U	IPC4-101W-i310-10110	IPC4-101W-i320-10110	IPC4-101W-i311-10110	IPC4-101W-i321-10110
Intel® Core™ i5-8265U	IPC4-101W-i510-8265	IPC4-101W-i520-8265	IPC4-101W-i511-8265	IPC4-101W-i521-8265
Intel® Core™ i5-10210U	IPC4-101W-i510-10210	IPC4-101W-i520-10210	IPC4-101W-i511-10210	IPC4-101W-i521-10210
Intel® Core™ i7-7500U	IPC4-101W-i710-7500	IPC4-101W-i720-7500	IPC4-101W-i711-7500	IPC4-101W-i721-7500
Intel® Core™ i7-10510U	IPC4-101W-i710-10510	IPC4-101W-i720-10510	IPC4-101W-i711-10510	IPC4-101W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

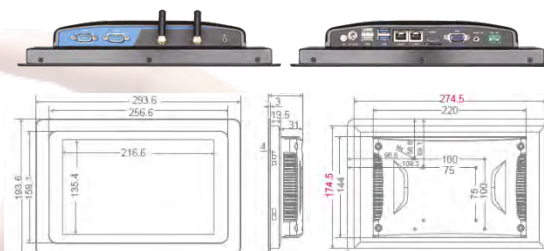
RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands – Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

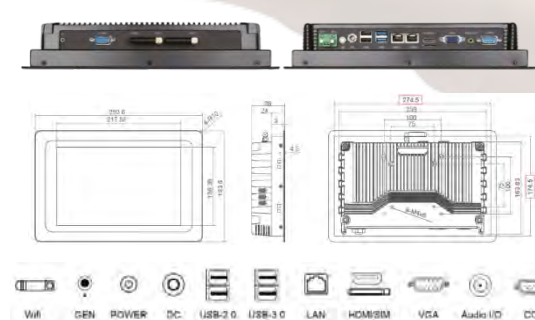
WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES

Intel® Celeron®



Intel® Core™ i3 – i5 – i7



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-104W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



10.4" Intel® Celeron®



10.4" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	10.4" TFT LCD
Resolution	1024×768
Viewing Angle	80/80/80/80 (L/R/U/D)
Colour	16.7M
Brightness	400 cd/m ²
Contrast Ratio	1000:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]



Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	60W

Dimensions

Outer	W 288.0 x H 231.0 x D 59.5 mm
Cut-Out	W 273.0 x H 216.0 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-104W-C10-6412	IPC4-104W-C20-6412	IPC4-104W-C11-6412	IPC4-104W-C21-6412
Intel® Core™ i3-8145U	IPC4-104W-i310-8145	IPC4-104W-i320-8145	IPC4-104W-i311-8145	IPC4-104W-i321-8145
Intel® Core™ i3-10110U	IPC4-104W-i310-10110	IPC4-104W-i320-10110	IPC4-104W-i311-10110	IPC4-104W-i321-10110
Intel® Core™ i5-8265U	IPC4-104W-i510-8265	IPC4-104W-i520-8265	IPC4-104W-i511-8265	IPC4-104W-i521-8265
Intel® Core™ i5-10210U	IPC4-104W-i510-10210	IPC4-104W-i520-10210	IPC4-104W-i511-10210	IPC4-104W-i521-10210
Intel® Core™ i7-7500U	IPC4-104W-i710-7500	IPC4-104W-i720-7500	IPC4-104W-i711-7500	IPC4-104W-i721-7500
Intel® Core™ i7-10510U	IPC4-104W-i710-10510	IPC4-104W-i720-10510	IPC4-104W-i711-10510	IPC4-104W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

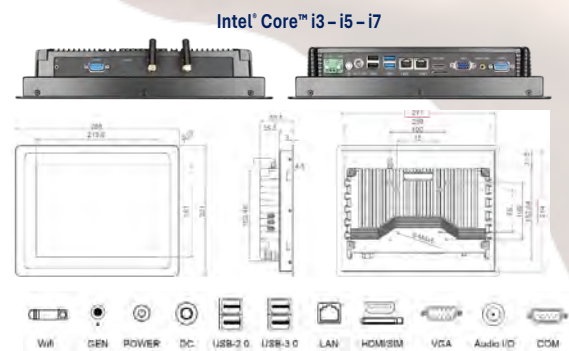
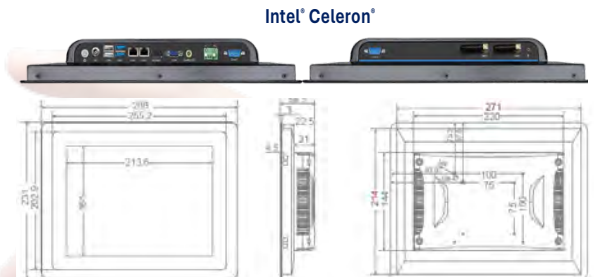
CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands - Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-116W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



11.6" Intel® Celeron®



11.6" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	11.6" TFT LCD
Resolution	1920×1080
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast Ratio	800:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]



Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	60W

Dimensions

Outer	W 323.7 x H 218.5 x D 57.0 mm
Cut-Out	W 311.7 x H 206.5 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-116W-C10-6412	-	IPC4-116W-C11-6412	-
Intel® Core™ i3-8145U	IPC4-116W-i310-8145	-	IPC4-116W-i311-8145	-
Intel® Core™ i3-10110U	IPC4-116W-i310-10110	-	IPC4-116W-i311-10110	-
Intel® Core™ i5-8265U	IPC4-116W-i510-8265	-	IPC4-116W-i511-8265	-
Intel® Core™ i5-10210U	IPC4-116W-i510-10210	-	IPC4-116W-i511-10210	-
Intel® Core™ i7-7500U	IPC4-116W-i710-7500	-	IPC4-116W-i711-7500	-
Intel® Core™ i7-10510U	IPC4-116W-i710-10510	-	IPC4-116W-i711-10510	-

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

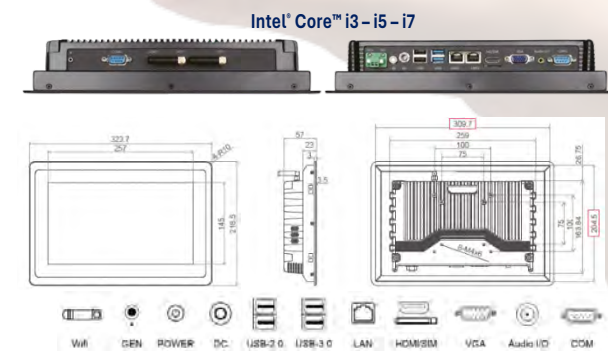
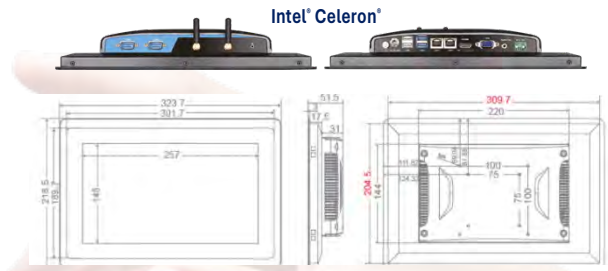
CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands - Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-120W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



12" Intel® Celeron®



12" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	12" TFT LCD
Resolution	1024×768
Viewing Angle	75/75/70/75 (L/R/U/D)
Colour	16.7M
Brightness	500 cd/m ²
Contrast Ratio	1000:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]



Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	60W

Dimensions

Outer	W 319.0 x H 257 x D 59.5 mm
Cut-Out	W 305.1 x H 243.6 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-120W-C10-6412	IPC4-120W-C20-6412	IPC4-120W-C11-6412	IPC4-120W-C21-6412
Intel® Core™ i3-8145U	IPC4-120W-i310-8145	IPC4-120W-i320-8145	IPC4-120W-i311-8145	IPC4-120W-i321-8145
Intel® Core™ i3-10110U	IPC4-120W-i310-10110	IPC4-120W-i320-10110	IPC4-120W-i311-10110	IPC4-120W-i321-10110
Intel® Core™ i5-8265U	IPC4-120W-i510-8265	IPC4-120W-i520-8265	IPC4-120W-i511-8265	IPC4-120W-i521-8265
Intel® Core™ i5-10210U	IPC4-120W-i510-10210	IPC4-120W-i520-10210	IPC4-120W-i511-10210	IPC4-120W-i521-10210
Intel® Core™ i7-7500U	IPC4-120W-i710-7500	IPC4-120W-i720-7500	IPC4-120W-i711-7500	IPC4-120W-i721-7500
Intel® Core™ i7-10510U	IPC4-120W-i710-10510	IPC4-120W-i720-10510	IPC4-120W-i711-10510	IPC4-120W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

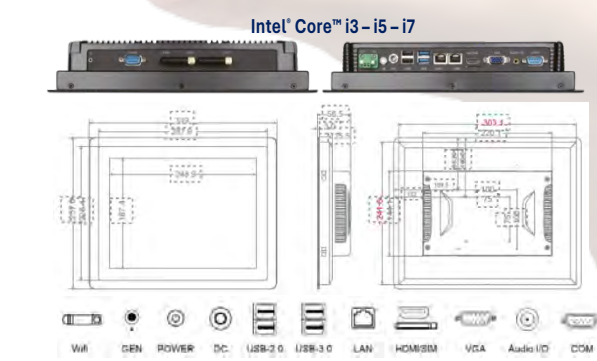
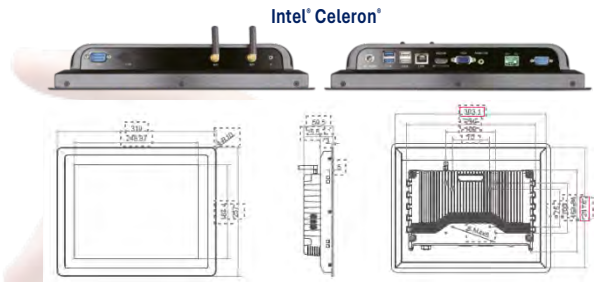
CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands - Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-121W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



12.1" Intel® Celeron®



12.1" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	12.1" TFT LCD
Resolution	1280×800
Viewing Angle	65/65/50/65 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast Ratio	350:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]

Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	60W

Dimensions

Outer	W 330.0 x H 227.3 x D 53.5 mm
Cut-Out	W 316.5 x H 214.3 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-121W-C10-6412	IPC4-121W-C20-6412	IPC4-121W-C11-6412	IPC4-121W-C21-6412
Intel® Core™ i3-8145U	IPC4-121W-i310-8145	IPC4-121W-i320-8145	IPC4-121W-i311-8145	IPC4-121W-i321-8145
Intel® Core™ i3-10110U	IPC4-121W-i310-10110	IPC4-121W-i320-10110	IPC4-121W-i311-10110	IPC4-121W-i321-10110
Intel® Core™ i5-8265U	IPC4-121W-i510-8265	IPC4-121W-i520-8265	IPC4-121W-i511-8265	IPC4-121W-i521-8265
Intel® Core™ i5-10210U	IPC4-121W-i510-10210	IPC4-121W-i520-10210	IPC4-121W-i511-10210	IPC4-121W-i521-10210
Intel® Core™ i7-7500U	IPC4-121W-i710-7500	IPC4-121W-i720-7500	IPC4-121W-i711-7500	IPC4-121W-i721-7500
Intel® Core™ i7-10510U	IPC4-121W-i710-10510	IPC4-121W-i720-10510	IPC4-121W-i711-10510	IPC4-121W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

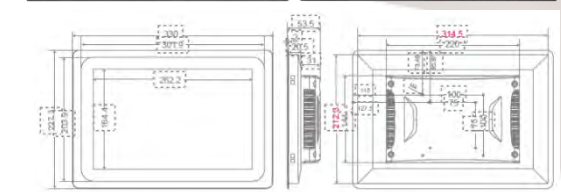
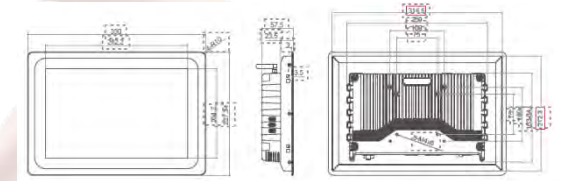
CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands - Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-133W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



13.3" Intel® Celeron®



13.3" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	13.3" TFT LCD
Resolution	1920×1080
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	220 cd/m ²
Contrast Ratio	1000:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]

Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	60W

Dimensions

Outer	W 373.6 x H 245.2 x D 57.0 mm
Cut-Out	W 357.4 x H 229.0 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-133W-C10-6412	IPC4-133W-C20-6412	IPC4-133W-C11-6412	IPC4-133W-C21-6412
Intel® Core™ i3-8145U	IPC4-133W-i310-8145	IPC4-133W-i320-8145	IPC4-133W-i311-8145	IPC4-133W-i321-8145
Intel® Core™ i3-10110U	IPC4-133W-i310-10110	IPC4-133W-i320-10110	IPC4-133W-i311-10110	IPC4-133W-i321-10110
Intel® Core™ i5-8265U	IPC4-133W-i510-8265	IPC4-133W-i520-8265	IPC4-133W-i511-8265	IPC4-133W-i521-8265
Intel® Core™ i5-10210U	IPC4-133W-i510-10210	IPC4-133W-i520-10210	IPC4-133W-i511-10210	IPC4-133W-i521-10210
Intel® Core™ i7-7500U	IPC4-133W-i710-7500	IPC4-133W-i720-7500	IPC4-133W-i711-7500	IPC4-133W-i721-7500
Intel® Core™ i7-10510U	IPC4-133W-i710-10510	IPC4-133W-i720-10510	IPC4-133W-i711-10510	IPC4-133W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

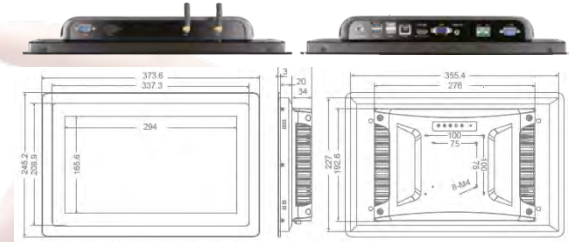
RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands - Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

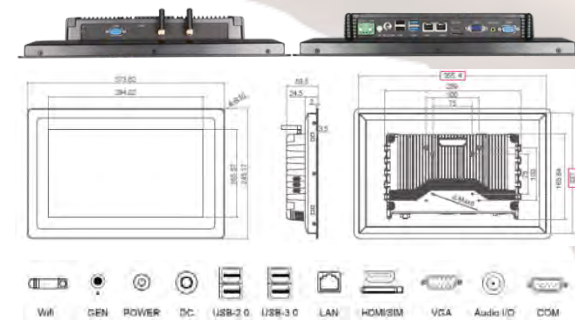
WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES

Intel® Celeron®



Intel® Core™ i3 – i5 – i7



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-150W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



15" Intel® Celeron®



15" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	15" TFT LCD
Resolution	1024×768
Viewing Angle	89/89/89/89 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast Ratio	1000:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080P
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]



Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	60W

Dimensions

Outer	W 379.8 x H 300.0 x D 63.6 mm
Cut-Out	W 363.0 x H 283.0 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-150W-C10-6412	IPC4-150W-C20-6412	IPC4-150W-C11-6412	IPC4-150W-C21-6412
Intel® Core™ i3-8145U	IPC4-150W-i310-8145	IPC4-150W-i320-8145	IPC4-150W-i311-8145	IPC4-150W-i321-8145
Intel® Core™ i3-10110U	IPC4-150W-i310-10110	IPC4-150W-i320-10110	IPC4-150W-i311-10110	IPC4-150W-i321-10110
Intel® Core™ i5-8265U	IPC4-150W-i510-8265	IPC4-150W-i520-8265	IPC4-150W-i511-8265	IPC4-150W-i521-8265
Intel® Core™ i5-10210U	IPC4-150W-i510-10210	IPC4-150W-i520-10210	IPC4-150W-i511-10210	IPC4-150W-i521-10210
Intel® Core™ i7-7500U	IPC4-150W-i710-7500	IPC4-150W-i720-7500	IPC4-150W-i711-7500	IPC4-150W-i721-7500
Intel® Core™ i7-10510U	IPC4-150W-i710-10510	IPC4-150W-i720-10510	IPC4-150W-i711-10510	IPC4-150W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

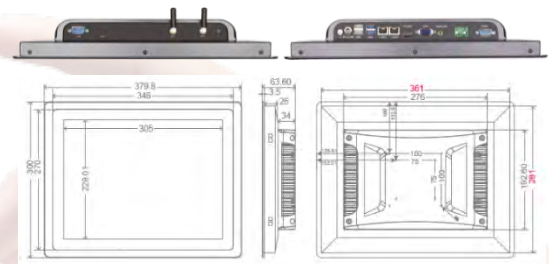
RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands - Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

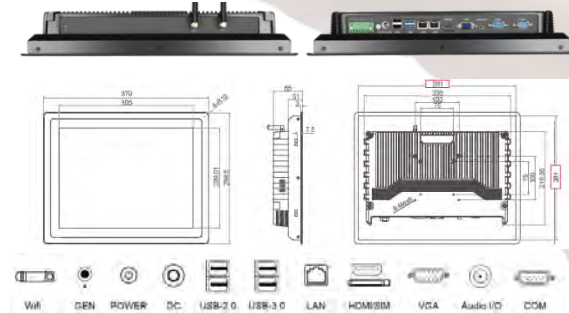
WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES

Intel® Celeron®



Intel® Core™ i3 – i5 – i7



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-156W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



15.6" Intel® Celeron®



15.6" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	15.6" TFT LCD
Resolution	1920×1080
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast Ratio	800:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]



Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	60W

Dimensions

Outer	W 420.0 x H 269.0 x D 70.0 mm
Cut-Out	W 403.0 x H 252.0 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-156W-C10-6412	IPC4-156W-C20-6412	IPC4-156W-C11-6412	IPC4-156W-C21-6412
Intel® Core™ i3-8145U	IPC4-156W-i310-8145	IPC4-156W-i320-8145	IPC4-156W-i311-8145	IPC4-156W-i321-8145
Intel® Core™ i3-10110U	IPC4-156W-i310-10110	IPC4-156W-i320-10110	IPC4-156W-i311-10110	IPC4-156W-i321-10110
Intel® Core™ i5-8265U	IPC4-156W-i510-8265	IPC4-156W-i520-8265	IPC4-156W-i511-8265	IPC4-156W-i521-8265
Intel® Core™ i5-10210U	IPC4-156W-i510-10210	IPC4-156W-i520-10210	IPC4-156W-i511-10210	IPC4-156W-i521-10210
Intel® Core™ i7-7500U	IPC4-156W-i710-7500	IPC4-156W-i720-7500	IPC4-156W-i711-7500	IPC4-156W-i721-7500
Intel® Core™ i7-10510U	IPC4-156W-i710-10510	IPC4-156W-i720-10510	IPC4-156W-i711-10510	IPC4-156W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

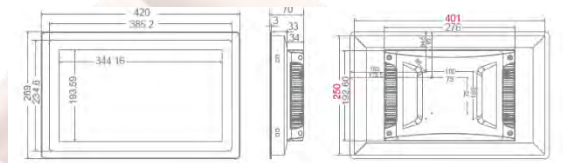
RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands - Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

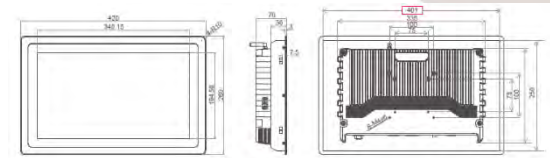
WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES

Intel® Celeron®



Intel® Core™ i3 – i5 – i7



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-170W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



17" Intel® Celeron®



17" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	17" TFT LCD
Resolution	1280×1024
Viewing Angle	85/85/80/70 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast Ratio	1000:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]



Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	60W

Dimensions

Outer	W 414.0 x H 345.0 x D 63.0 mm
Cut-Out	W 397.6 x H 328.6 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-170W-C10-6412	IPC4-170W-C20-6412	IPC4-170W-C11-6412	IPC4-170W-C21-6412
Intel® Core™ i3-8145U	IPC4-170W-i310-8145	IPC4-170W-i320-8145	IPC4-170W-i311-8145	IPC4-170W-i321-8145
Intel® Core™ i3-10110U	IPC4-170W-i310-10110	IPC4-170W-i320-10110	IPC4-170W-i311-10110	IPC4-170W-i321-10110
Intel® Core™ i5-8265U	IPC4-170W-i510-8265	IPC4-170W-i520-8265	IPC4-170W-i511-8265	IPC4-170W-i521-8265
Intel® Core™ i5-10210U	IPC4-170W-i510-10210	IPC4-170W-i520-10210	IPC4-170W-i511-10210	IPC4-170W-i521-10210
Intel® Core™ i7-7500U	IPC4-170W-i710-7500	IPC4-170W-i720-7500	IPC4-170W-i711-7500	IPC4-170W-i721-7500
Intel® Core™ i7-10510U	IPC4-170W-i710-10510	IPC4-170W-i720-10510	IPC4-170W-i711-10510	IPC4-170W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

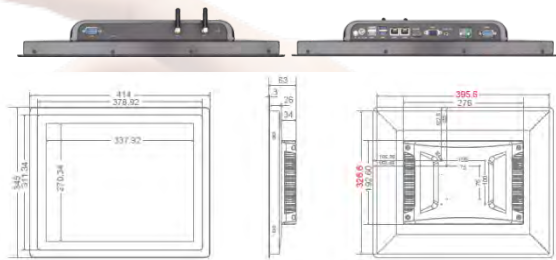
RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands - Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

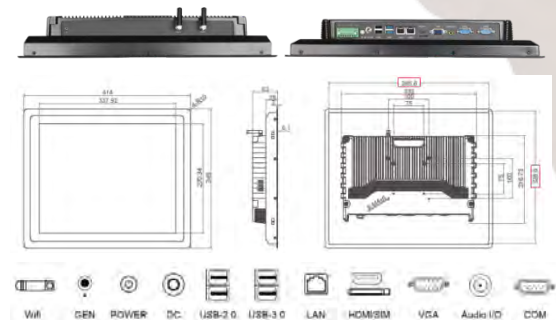
WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES

Intel® Celeron®



Intel® Core™ i3 – i5 – i7



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-173W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



17.3" Intel® Celeron®



17.3" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	17.3" TFT LCD
Resolution	1920×1080
Viewing Angle	80/80/60/80 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast Ratio	600:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]

Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	18W

Dimensions

Outer	W 458.0 x H 291.0 x D 67.0 mm
Cut-Out	W 441.0 x H 274.0 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-173W-C10-6412	IPC4-173W-C20-6412	IPC4-173W-C11-6412	IPC4-173W-C21-6412
Intel® Core™ i3-8145U	IPC4-173W-i310-8145	IPC4-173W-i320-8145	IPC4-173W-i311-8145	IPC4-173W-i321-8145
Intel® Core™ i3-10110U	IPC4-173W-i310-10110	IPC4-173W-i320-10110	IPC4-173W-i311-10110	IPC4-173W-i321-10110
Intel® Core™ i5-8265U	IPC4-173W-i510-8265	IPC4-173W-i520-8265	IPC4-173W-i511-8265	IPC4-173W-i521-8265
Intel® Core™ i5-10210U	IPC4-173W-i510-10210	IPC4-173W-i520-10210	IPC4-173W-i511-10210	IPC4-173W-i521-10210
Intel® Core™ i7-7500U	IPC4-173W-i710-7500	IPC4-173W-i720-7500	IPC4-173W-i711-7500	IPC4-173W-i721-7500
Intel® Core™ i7-10510U	IPC4-173W-i710-10510	IPC4-173W-i720-10510	IPC4-173W-i711-10510	IPC4-173W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

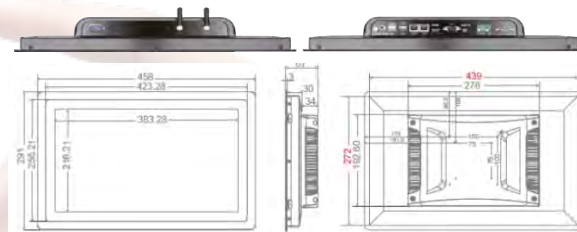
RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands – Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

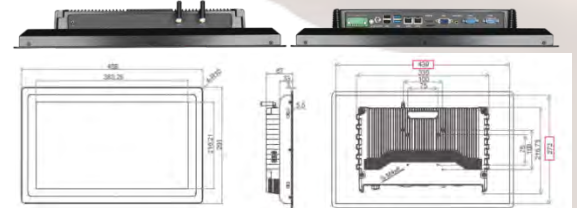
WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES

Intel® Celeron®



Intel® Core™ i3 – i5 – i7



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-185W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



18.5" Intel® Celeron®



18.5" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	18.5" TFT LCD
Resolution	1920×1080
Viewing Angle	89/89/89/89 (L/R/U/D)
Colour	16.7M
Brightness	400 cd/m ²
Contrast Ratio	1000:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]

Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	18W

Dimensions

Outer	W 486.5 x H 370.4 x D 67.0 mm
Cut-Out	W 470.0 x H mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-185W-C10-6412	IPC4-185W-C20-6412	IPC4-185W-C11-6412	IPC4-185W-C21-6412
Intel® Core™ i3-8145U	IPC4-185W-i310-8145	IPC4-185W-i320-8145	IPC4-185W-i311-8145	IPC4-185W-i321-8145
Intel® Core™ i3-10110U	IPC4-185W-i310-10110	IPC4-185W-i320-10110	IPC4-185W-i311-10110	IPC4-185W-i321-10110
Intel® Core™ i5-8265U	IPC4-185W-i510-8265	IPC4-185W-i520-8265	IPC4-185W-i511-8265	IPC4-185W-i521-8265
Intel® Core™ i5-10210U	IPC4-185W-i510-10210	IPC4-185W-i520-10210	IPC4-185W-i511-10210	IPC4-185W-i521-10210
Intel® Core™ i7-7500U	IPC4-185W-i710-7500	IPC4-185W-i720-7500	IPC4-185W-i711-7500	IPC4-185W-i721-7500
Intel® Core™ i7-10510U	IPC4-185W-i710-10510	IPC4-185W-i720-10510	IPC4-185W-i711-10510	IPC4-185W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands - Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

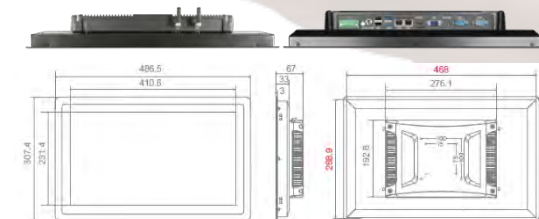
WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES

Intel® Celeron®



Intel® Core™ i3 - i5 - i7



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-190W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	19" TFT LCD
Resolution	1280×1024
Viewing Angle	85/85/80/80 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast Ratio	1000:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]



Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	18W

Dimensions

Outer	W 451.0 x H 380.0 x D 63.0 mm
Cut-Out	W 434.6 x H 363.6 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-190W-C10-6412	IPC4-190W-C20-6412	IPC4-190W-C11-6412	IPC4-190W-C21-6412
Intel® Core™ i3-8145U	IPC4-190W-i310-8145	IPC4-190W-i320-8145	IPC4-190W-i311-8145	IPC4-190W-i321-8145
Intel® Core™ i3-10110U	IPC4-190W-i310-10110	IPC4-190W-i320-10110	IPC4-190W-i311-10110	IPC4-190W-i321-10110
Intel® Core™ i5-8265U	IPC4-190W-i510-8265	IPC4-190W-i520-8265	IPC4-190W-i511-8265	IPC4-190W-i521-8265
Intel® Core™ i5-10210U	IPC4-190W-i510-10210	IPC4-190W-i520-10210	IPC4-190W-i511-10210	IPC4-190W-i521-10210
Intel® Core™ i7-7500U	IPC4-190W-i710-7500	IPC4-190W-i720-7500	IPC4-190W-i711-7500	IPC4-190W-i721-7500
Intel® Core™ i7-10510U	IPC4-190W-i710-10510	IPC4-190W-i720-10510	IPC4-190W-i711-10510	IPC4-190W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

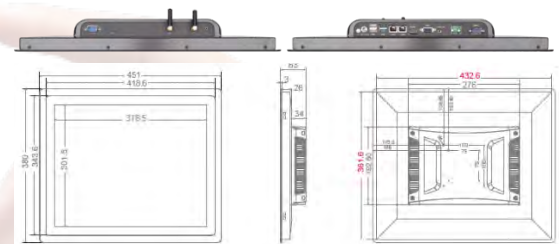
RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands - Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

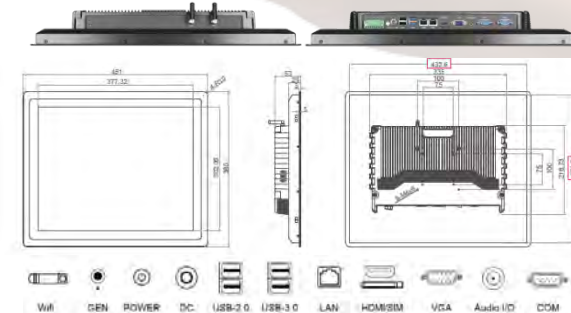
WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES

Intel® Celeron®



Intel® Core™ i3 – i5 – i7



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-191W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



19.1" Intel® Celeron®



19.1" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	19.1" TFT LCD
Resolution	1440×900
Viewing Angle	80/80/80/80 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast Ratio	1000:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]



Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	18W

Dimensions

Outer	W 486.0 x H 332.0 x D 63.0 mm
Cut-Out	W 469.6 x H 315.6 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-191W-C10-6412	IPC4-191W-C20-6412	IPC4-191W-C11-6412	IPC4-191W-C21-6412
Intel® Core™ i3-8145U	IPC4-191W-i310-8145	IPC4-191W-i320-8145	IPC4-191W-i311-8145	IPC4-191W-i321-8145
Intel® Core™ i3-10110U	IPC4-191W-i310-10110	IPC4-191W-i320-10110	IPC4-191W-i311-10110	IPC4-191W-i321-10110
Intel® Core™ i5-8265U	IPC4-191W-i510-8265	IPC4-191W-i520-8265	IPC4-191W-i511-8265	IPC4-191W-i521-8265
Intel® Core™ i5-10210U	IPC4-191W-i510-10210	IPC4-191W-i520-10210	IPC4-191W-i511-10210	IPC4-191W-i521-10210
Intel® Core™ i7-7500U	IPC4-191W-i710-7500	IPC4-191W-i720-7500	IPC4-191W-i711-7500	IPC4-191W-i721-7500
Intel® Core™ i7-10510U	IPC4-191W-i710-10510	IPC4-191W-i720-10510	IPC4-191W-i711-10510	IPC4-191W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

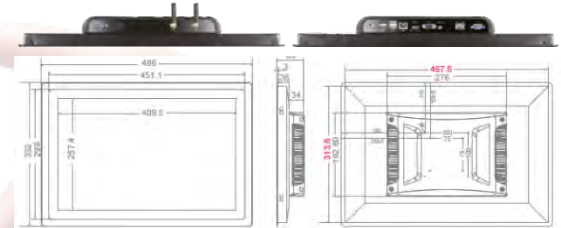
RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands – Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

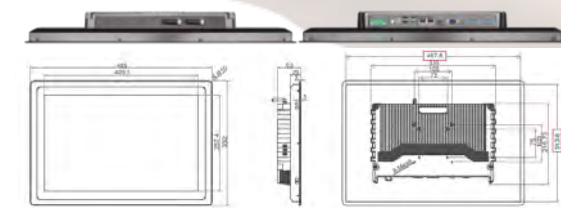
WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES

Intel® Celeron®



Intel® Core™ i3 – i5 – i7



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-215W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



21.5" Intel® Celeron®



21.5" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	21.5" TFT LCD
Resolution	1920×1080
Viewing Angle	89/89/89/89 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast Ratio	1000:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]

Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	18W

Dimensions

Outer	W 557.0 x H 345.0 x D 65.0 mm
Cut-Out	W 540.6 x H 328.6 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-215W-C10-6412	IPC4-215W-C20-6412	IPC4-215W-C11-6412	IPC4-215W-C21-6412
Intel® Core™ i3-8145U	IPC4-215W-i310-8145	IPC4-215W-i320-8145	IPC4-215W-i311-8145	IPC4-215W-i321-8145
Intel® Core™ i3-10110U	IPC4-215W-i310-10110	IPC4-215W-i320-10110	IPC4-215W-i311-10110	IPC4-215W-i321-10110
Intel® Core™ i5-8265U	IPC4-215W-i510-8265	IPC4-215W-i520-8265	IPC4-215W-i511-8265	IPC4-215W-i521-8265
Intel® Core™ i5-10210U	IPC4-215W-i510-10210	IPC4-215W-i520-10210	IPC4-215W-i511-10210	IPC4-215W-i521-10210
Intel® Core™ i7-7500U	IPC4-215W-i710-7500	IPC4-215W-i720-7500	IPC4-215W-i711-7500	IPC4-215W-i721-7500
Intel® Core™ i7-10510U	IPC4-215W-i710-10510	IPC4-215W-i720-10510	IPC4-215W-i711-10510	IPC4-215W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

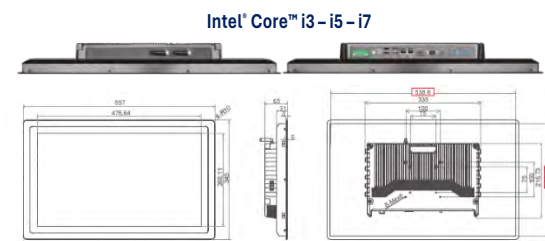
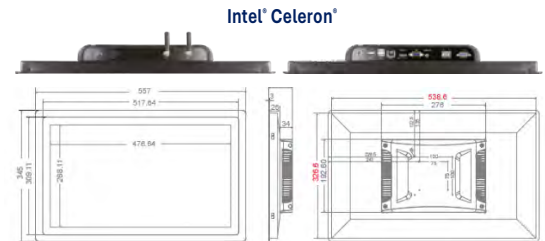
CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands – Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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INDUSTRIAL PANEL PC

IPC4-238W

IPC4 with its sleek flat aluminum alloy panel and fanless, fully enclosed integrated design, this versatile solution effortlessly adapts to the diverse demands of various environments. Its applications span across industrial control, military operations, communications, power management, networking, intelligent self-service terminals, and a wide array of automation applications. Thanks to its embedded Intel® Celeron® and Core™ i3, i5 and i7 processors alternatives, all IPC4 industrial panel computers allow users to run all kind of applications from simple to hardest.

FEATURES

- Pure Flat Panel 3mm IP65 Dust-Proof and Waterproof Enclosure
- High Precision Aluminum Alloy Material Chassis
- Self-Developed Fanless X86 Architecture Industrial Motherboard
- Industrial Protection, Applicable To Various Harsh Environments
- Supporting 12V-36V Wide Voltage Power Supply
- Dual Gigabit Adaptive Ethernet Ports For Faster Transmission.
- Rich Interfaces and Strong Extensibility
- Desktop, Wall Mount, Embedded and Other Installation Methods



23.8" Intel® Celeron®



23.8" Intel® Core™



PRODUCT SPECIFICATIONS

Screen Parameters

LCD Size	23.8" TFT LCD
Resolution	1920×1080
Viewing Angle	89/89/89/89 (L/R/U/D)
Colour	16.7M
Brightness	250 cd/m ²
Contrast Ratio	1000:1

Interface

HDMI	1* HDMI, Support HDMI Data Output, 1080p
USB	2* USB 2.0 + 2* USB 3.0
LAN	2* LAN, Dual 1000M Adaptive Ethernet
AUDIO	1* Audio I/O, Support Audio Input and Output
VGA	1* VGA
Serial Port	1* RS232 + 1* RS232 RS485 RS422 [Adjustable via BIOS]



Touch Screen

Touch Screen Type	10 Point Touch PCAP & Resistive
Light Transmittance	≥88%
Input Mode	Handwriting or Capacitive Pen
Controller Communication	USB

Power Parameters

Input Voltage	DC 12V-36V - Double Input (Not Redundant)
Static Power	18W

Dimensions

Outer	W 606 x H 376 x D 67 mm
Cut-Out	W 589.8 x H 359.8 mm

PRODUCT ORDERING CODES

Processor CPU	Body Color: Black		Body Color: Silver	
	PCAP	Resistive	PCAP	Resistive
Intel® Celeron® J6412	IPC4-238W-C10-6412	IPC4-238W-C20-6412	IPC4-238W-C11-6412	IPC4-238W-C21-6412
Intel® Core™ i3-8145U	IPC4-238W-i310-8145	IPC4-238W-i320-8145	IPC4-238W-i311-8145	IPC4-238W-i321-8145
Intel® Core™ i3-10110U	IPC4-238W-i310-10110	IPC4-238W-i320-10110	IPC4-238W-i311-10110	IPC4-238W-i321-10110
Intel® Core™ i5-8265U	IPC4-238W-i510-8265	IPC4-238W-i520-8265	IPC4-238W-i511-8265	IPC4-238W-i521-8265
Intel® Core™ i5-10210U	IPC4-238W-i510-10210	IPC4-238W-i520-10210	IPC4-238W-i511-10210	IPC4-238W-i521-10210
Intel® Core™ i7-7500U	IPC4-238W-i710-7500	IPC4-238W-i720-7500	IPC4-238W-i711-7500	IPC4-238W-i721-7500
Intel® Core™ i7-10510U	IPC4-238W-i710-10510	IPC4-238W-i720-10510	IPC4-238W-i711-10510	IPC4-238W-i721-10510

INDUSTRIAL PANEL PC

PROCESSOR MODELS | CPU



CPU	Intel® Celeron® J6412 2.00 GHz
CPU TURBO FREQUENCY	2.60 GHz
CORE	4
INTEGRATED GRAPHICS	Intel® HD Graphic 620

CPU	Intel® Core™ i3-8145U 2.10 GHz	Intel® Core™ i3-10110U 2.10 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.10 GHz
CORE	2	2
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i5-8265U 1.60 GHz	Intel® Core™ i5-10210U 1.60 GHz
CPU TURBO FREQUENCY	3.90 GHz	4.20 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 620

CPU	Intel® Core™ i7-7500U 2.70 GHz	Intel® Core™ i7-10510U 1.80 GHz
CPU TURBO FREQUENCY	3.50 GHz	4.90 GHz
CORE	4	4
INTEGRATED GRAPHICS	Intel Ultra HD Graphic 620	Intel Ultra HD Graphic 630

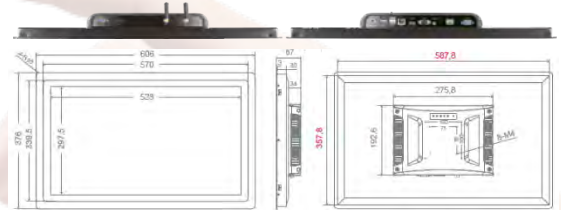
RAM	Default 8GB DDR4 Optional Intel® Celeron® up to 32GB Intel® Core™ Up To 64GB
STORAGE	Default 128GB Msata - Optional up to 512GB
WI-FI - BLUETOOTH	2.40 GHz / 5.00 GHz Dual Bands – Bluetooth 4.0
OPERATING SYSTEM	Windows 10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8
OTHER SUPPORT	Support RTC Real-Time Clock and Timing Switch

PRODUCT RELIABILITY

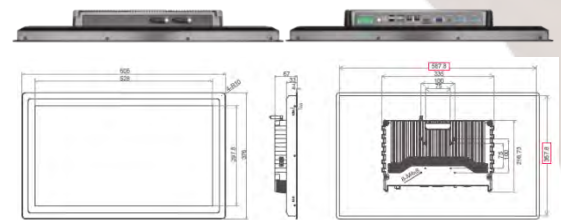
WORKING TEMPERATURE	-10°C~60°C
STORAGE TEMPERATURE	-20°C~70°C
RELATIVE HUMIDITY	95% Non-Condensing
VIBRATION PROTECTION	IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
IMPACT PROTECTION	IEC 60068-2-27, Half sine wave for 11ms
PRODUCT CERTIFICATION	CCC/CE/FCC/EMC/CB/ROHS

DIMENSIONS AND INTERFACES

Intel® Celeron®



Intel® Core™ i3 – i5 – i7



PRODUCT INSTALLATION TYPES



Embedded Installation	Wall Mounted Installation	Desktop Installation	Louver Installation	Cantilever Installation	Boom Type Installation
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