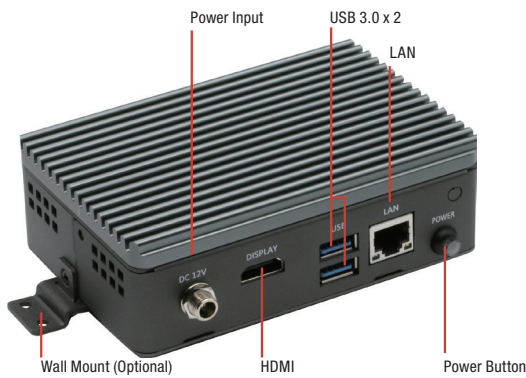
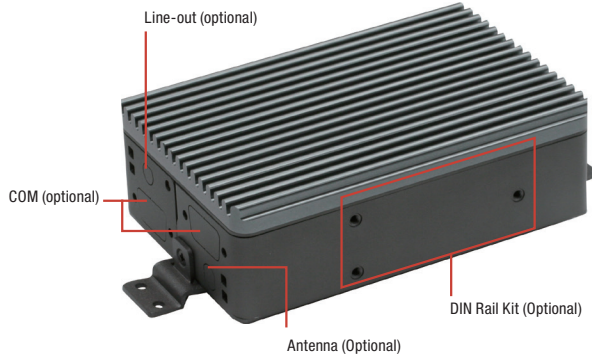


Pico-ITX Embedded Barebone Kit with Intel® Atom™ Processor SoC

Front View



Rear View



Specifications

System	
Processor	Intel® Pentium® N4200 (4C, 1.1 GHz, up to 2.5 GHz, TDP 6W) (optional) Intel® Celeron® N3350 (2C, 1.1 GHz, up to 2.4 GHz, TDP 6W)
CPU Frequency	Up to 2.5 GHz
Chipset	Intel® Pentium® N4200, Celeron® N3350
Memory Type	204-pin DDR3L, SODIMM x 1
Max. Memory Capacity	Up to 8GB DDR3L 1867MHz
BIOS	AMI/SPI
Wake On LAN	Yes
Watchdog Timer	255 Level
Power Requirement	+12V, AT/ATX
Power Supply Type	Lockable
Power Consumption	N4200 @ 4GB DRAM/eMMC 32GB, 12V @1.1A (Full Loading)
Mechanical	
Dimension	4.8" x 3.15" x 1.73" (122 x 80 x 44 mm)
Gross Weight	270 g
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C), 0.5 m/s air flow
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Certification	CE, FCC
I/O	
Storage/SSD	SATA III 6.0Gb/s x 1, SATA Power connector reserved
Ethernet	Intel® Gigabit Ethernet i210AT, 10/100/1000 Base-TX
USB Port	USB 3.0 x 2 Rear I/O
Serial Port	Optional
Audio	Optional
Expansion Slot	miniCard (Half-Size) x 1

Features

- 270g Extreme Light System, Easy To Adapter Everywhere
- Gigabit Ethernet for Networking Connection
- USB3.0 Connectivity
- HDMI
- mSATA and miniCard Slot for WiFi/3G/4G Bluetooth Module
- Fix Holes for Antenna, Wallmount, DIN-Rail Kit Optional
- Lockable 12V DC Input



Packing List

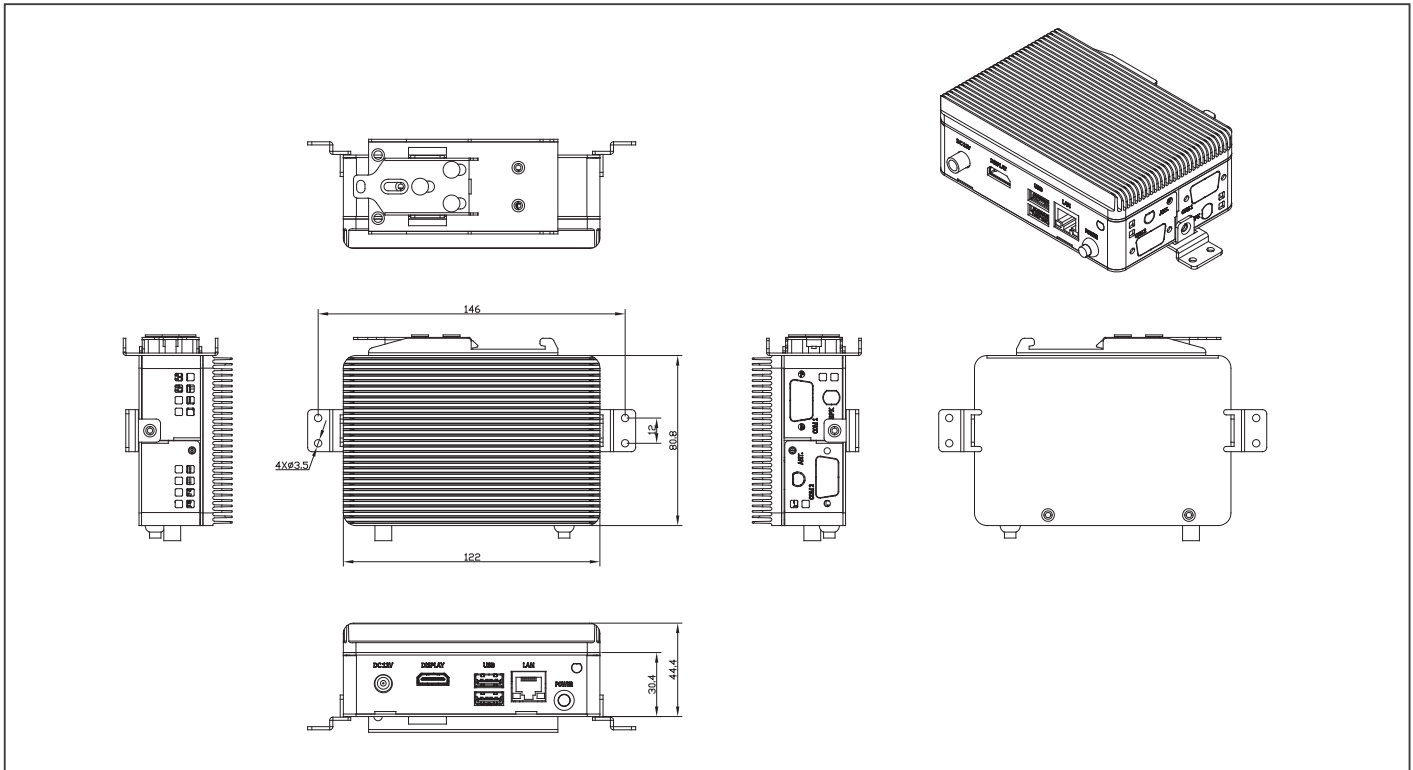
- PICO-APL1 SBC x 1
- SEMI Top Chassis x 1
- SEMI Bottom Chassis x 1
- SEMI Heatsink x 1
- SEMI power button cable x 1
- Product DVD
- * Customer needs assemble by self.

Optional Accessories

Part Number	Description	Qty.
1255300408	40W AC to DC Power Adapter	1
1702031802	Power Cord (US Type)	1
1702031803	Power Cord (European Type)	1
170203180E	Power Cord (Japan Type)	1
1703200052	COM x 2 + LINE_OUT	1
968C016G0V	SATA DOM 16GB (0°C ~ 70°C)	1
9761SMIE00	Wallmount Kit	1
9761SEMI01	DIN-Rail Mount Kit	1

Dimension

Unit: mm



Installation Scenario

DIN-Rail Mount Illustration



Wall Mount Illustration



These are after assembly product photos, DIN Rail and Wall Mount kit are optional parts.

Ordering Information

Part Number	CPU	Memory	Fan/Fanless	Display	Storage	LAN	USB	Expansion Slot	Power	Temp	Others
PICO-APL1-SEMI-A10-B002	N3350	DDR3L SODIMM Socket	Fanless	HDMI	SATA x 1, mSATA x 1 (Full-size)	GbE x 1	USB3.0 x 2, USB2.0 x 1	miniCard x 1 (Half-Size)	12V DC Jack	0°C ~ 50°C @ 0.5 m/s airflow	COM Port optional

* This is a barebone kit, customer need to do assemble after product received.