



Features

- 3rd Gen Intel® Core™ i7/i5/i3/ Pentium® / Celeron® QC/ DC processors, up to 3.9GHz
- 2x DDR3 DIMM, Max. 16GB
- Intel® Core™ Processor integrated graphics HD4000, supports CRT, DVI-D
- 24-bit dual-channel LVDS (IB970RF / IB970F)
- Dual Intel® Gigabit LAN
- 5x USB2.0, 3x USB3.0, 4x COM, 4x SATA II, 2x SATA III
- Watchdog timer, Digital I/O
- 1x Mini PCI-E

Specifications

CPU	LGA1155 for 3rd Gen Intel® Core™ i7/i5/i3 / Pentium® / Celeron® QC/ DC processors, up to 3.9GHz
System Memory	2x DDR3 DIMM, Max. 16GB (Non-ECC)
System Chipset	IB970RF: Intel® Q77 PCH IB970F/IB970: Intel® B75 PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E
VGA Controller	3rd Gen Intel® Core™ i7/i5/i3 / Pentium® Processor integrated HD 4000 graphics
VGA Memory	Max. shared memory – 1024MB
Display Interface	Supports CRT, DVI-D 24-bit dual-channel LVDS interface (IB970F/IB970RF)
LAN Controller	Intel® 82579V Gigabit LAN PHY Intel® 82583V PCI-E Gigabit LAN
LAN Connector	RJ-45 on board
I/O Chipset	Fintek F81866AD-I 3x RS232, 1x RS232/422/485 (jumperless selection), 1x KB, 1x Mouse, 1x LPT (IB970 Only)
USB	1x USB2.0 and 1x USB 3.0 on board 4x USB 2.0 and 2x USB 3.0 via Pin headers
Serial ATA	IB970RF: 4x SATA II, 2x SATA III IB970F: 5x SATA II, 1x SATA III IB970: 5x SATA II, 1x SATA III
Audio	Intel® Q77/B75PCH built-in HD audio controller+ Realtek ALC662 codec
Others	Digital I/O(4-in/4-out), iSMART, RAID (IB970RF only), TPM 1.2 (IB970RF / IB970F)
Dimensions	338mm x 122mm (13.31" x 4.8")
Max. Power Requirement	3rd Gen Intel® Core™ i7-3770 3.4GHz w/ 2x 2GB DDR3-1333 +12V: 1.23A; +5V: 4.75A; +5VSB: 0.37A; +3.3V: 0.33A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	90% (non-condensing @60°C)

Ordering Information

IB970RF	LGA1155 Q77 Full-Size CPU Card w/ VGA, DVI-D, 24-bit LVDS, dual Gigabit LAN, iSMART, TPM(1.2), RAID
IB970F	LGA1155 B75 Full-Size CPU Card w/ VGA, DVI-D, 24-bit LVDS, dual Gigabit LAN, iSMART, TPM(1.2)
IB970	LGA1155 B75 Full-Size CPU Card w/ VGA, DVI-D, LPT, dual Gigabit LAN, iSMART

Dimensions and Drawing

