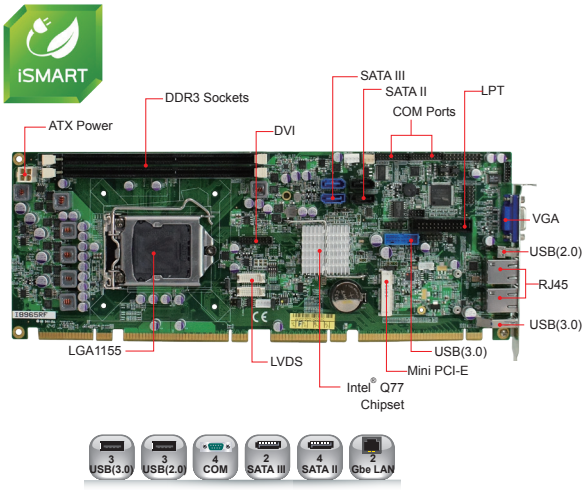
IB965

3rd Generation Intel® Core™ i7/i5/i3/Pentium® PICMG® 1.3
Full-Size CPU Card w/ Intel® Q77 PCH



Features

- LGA1155 for 3rd Generation Intel® Core™ i7/i5/i3/ Pentium® QC/DC processors, up to 3.9GHz
- 2x DDR3 DIMM, Max. 16GB
- Intel® Processor integrated graphics device, Gfx Gen. 5.7, supports CRT, DVI-D
- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- 24-bit dual channel LVDS
- Dual Intel® Gigabit LAN
- 3x USB2.0, 3x USB 3.0, 4x COM, 2x SATA II, 2x SATAIII
- Watchdog timer, Digital I/O, LPT, 1x Mini PCI-E

Specifications

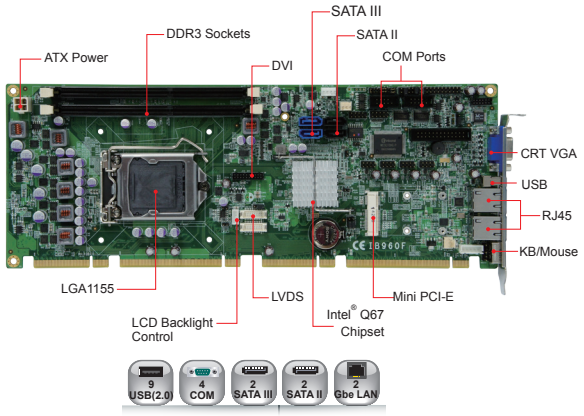
CPU	LGA1155 for 3rd Generation Intel® Core™ i7/i5/i3 / Pentium® / QC/ DC processors, up to 3.9GHz
System Memory	2x DDR3 DIMM, Max. 16GB (Non-ECC)
System Chipset	IB965RF: Intel® Q77 PCH IB965F: Intel® B75 PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E
VGA Controller	3rd Generation 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
LAN Controller	Intel® 82579V Gigabit LAN PHY Intel® 82583V PCI-E Gigabit LAN
Connector	RJ-45 on board
I/O Chipset	Fintek F81866AD-I 1x RS232/422/485 (jumperless selection), 3x RS232,1x KB,1x Mouse, IB965RF: 2x SATA II, 2x SATA III, 1x LPT IB965F: 1x SATA II, 3x SATA III, 1x LPT
USB	1x USB2.0 & 1x USB 3.0 port on board Pin headers for 2 ports (USB 2.0) + 2 ports (USB 3.0)
Audio	Intel® Q77/B75 PCH built-in HD audio controller + Realtek ALC662 codec
Others	Digital I/O (4-in/4-out), iSMART, TPM 1.2, RAID (IB965RF only)
Dimensions	338mm x 126mm (13.31" x 4.96")
Max. Power Requirement	3nd Generation Intel® Core™ i7-3770 3.4GHz w/ 2x 2GB DDR3-1333 +5V: 2.57A +12V: 1.48A +3.3V: 1.70A +5Vsb: 0.63A
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

IB965RF	LGA1155 Q77 Full-Size CPU Card w/ VGA, DVI-D, 24-bit LVDS, dual Gigabit LAN, iSMART, TPM 1.2, RAID
IB965F	LGA1155 B75 Full-Size CPU Card w/ VGA, DVI-D, 24-bit LVDS, dual Gigabit LAN, iSMART, TPM 1.2
IP380L	PICMG 1.3 Backplane w/ 1x PCI-E (x16), 3x PCI-E (x1)

IB960

3rd Generation Intel® Core™ i7/i5/i3/Pentium®PICMG® 1.3
Full-Size CPU Card w/ Intel® Q67 PCH



Features

- LGA1155 for 3rd Generation Intel® Core™ i7/i5/i3 / Pentium® / Celeron® processors, up to 3.4GHz
- 2x DDR3 DIMM, Max. 16GB
- Intel® processor integrated graphics device, Gfx Gen 5.7, supports CRT, DVI-D and LVDS
- Dual Intel® Gigabit LAN
- 9x USB, 2x COM, 4x SATA II, 2x SATA III
- Watchdog timer, Digital I/O, 1x Mini PCI-E

Specifications

CPU	LGA1155 for 3rd Generation Intel® Core™ i7/i5/i3 / Pentium® / Celeron® processors, up to 3.4GHz
System Memory	2x DDR3 DIMM, Max. 16GB (Non-ECC)
System Chipset	Intel® Q67 PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E
VGA Controller	3rd Generation Intel® Core™ i7/i5/i3 / Pentium® QC/DC processor integrated graphics Gen 5.7
VGA Memory	Max. shared memory – 1024MB
Display Interface	Supports CRT, DVI-D and 24-bit dual channel LVDS interface
LAN Controller	Intel® 82579V Gigabit LAN PHY Intel® 82583V PCI-E Gigabit LAN
Connector	RJ-45 on board
I/O Chipset	Winbond W83627DHG-P 1x KB, 1x mouse, 1x RS232, 1x RS232/422/485, 2x SATA II, 2x SATA III, 1x LPT
USB	1 port on board Pin headers for 8 ports (USB 2.0)
Audio	Intel® Q67 PCH built-in HD audio controller + Realtek ALC662 codec for 5.1CH
Others	Digital I/O (4-in/4-out), IrDA, RAID
Dimensions	338mm x 126mm (13.31" x 4.96")
Max. Power Requirement	Intel® Core™ i5-2400 3.1GHz Memory: 2GB DDR3-1333 x2 +12V:1.11A +5V:2.71A +3.3V:1.19A +5VSB:0.43A
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

IB960F	LGA1155 PICMG® 1.3 Q67 Full-Size CPU Card w/ VGA, DVI-D, 24-bit LVDS, dual Gigabit LAN
IP380L	PICMG 1.3 Backplane w/ 1x PCI-E (x16), 3x PCI-E (x1)

Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user's manual & datasheet download, visit www.ibase.com.tw.