

Industrial Single Board Computer

PICMG 1.3 Full-size CPU Card

FS-A73

Support Intel® Core™ i7, Core™ i5 and Core™ i3 CPU with DDRIII SO-DIMM, CRT, LVDS, Gigabit LAN, Serial ATAll, HD Audio, 6 x COM



Form Factor	PICMG 1.3 Full-size CPU Card
CPU	Intel® Core™ i7, Core™ i5, Core™ i3, Celeron®, and Pentium® Mobile Processor Package type: rPGA988A
Memory	2 x DDRIII SO-DIMM 800/1066 MHz up to 8GB
Chipset	Intel QM57
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generates a system reset with internal timer for 1min/s ~ 255min/s
Power Management	Supports ACPI 2.0 compliant.
Serial ATA Interface	6 x serial ATAll interface with 300MB/s transfer rate
VGA Interface	Onboard VGA (depend on CPU) Optional Secondary CRT Connector (FS-A73T2XG/G2)
LVDS Interface	Onboard 24-bit dual channel LVDS connector with +3.3V/+5V/+12V supply
DVI interface	Optional DVI interface (FS-A73TXDG/G2)
Audio Interface	Realtek ALC888 HD Audio
LAN Interface	2 x Intel 82574L Gigabit LAN
GPIO Interface	Onboard programmable 8-bit Digital I/O interface
Expansion Interface	PICMG 1.3 Interface Support 1 PCI-Express x16 and 1 PCI-Express x4 or 4 PCI-Express x1 4 PCI bus master, and 4 USB2.0 Interface
Internal I/O Port	5x RS232, 1 x RS232/422/485, 1 x SMBUS, 1 x GPIO, 8 x USB 2.0, 1 x IrDA, 1 x LVDS, 1 x LPT, 6 x Serial ATA, 1 x LCD inverter, 1 x Front panel Audio and 1 x CDIN
External I/O Port	DB15 VGA port, RJ45 LAN port, PS/2 Keyboard/Mouse Port
Power Requirement	+5V, +12 DC input & 5V _{SB} Requirement
Dimension	338 mm x 126 mm (L x W)
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade
Ordering Code	
FS-A73TXG/G2	Intel PGA988+ QM57 Onboard VGA, LVDS, LAN, USB2.0, HD Audio, SATA, SMBUS, 6 COM,
FS-A73TXDG/G2	Same as FS-A73 with 1x DVI Interface
FS-A73T2XG/G2	Same as FS-A73 with secondary CRT
MPX-7202	PCI Express mini card supports 2 x USB 3.0 provides up to 4.8Gbps of transferring rate.