

Industrial Single Board Computer

PICMG 1.3 Full-size CPU Card FS-A75

Support 2nd Generation Intel® Core™ i7/ i5/i3 CPU
with DDRIII SO-DIMM, CRT, DVI, LVDS, Gigabit LAN,
PCI Express mini card, SATAII/III, Audio, COM, LPT



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|-----------------------------|---|
| Form Factor | PICMG 1.3 Full-size CPU Card |
| CPU | 2 nd Generation Intel® Core™ i7, Core™ i5, Core™ i3 and Celeron® Mobile Processor Package type: rPGA988B |
| Memory | 2 x DDRIII SO-DIMM 1066/1333/1600 MHz up to 16GB |
| Chipset | Intel QM67 Express chipset |
| 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 3.0 compliant. |
| Serial ATA Interface | 4x serial ATAII interface with 300MB/s transfer rate 2 x serial ATAIII interface with 600MB/s transfer rate |
| VGA Interface | Onboard DSUB15 connector for VGA interface |
| LVDS Interface | Onboard 24-bit dual channel LVDS connector with +3.3V/+5V/+12V supply |
| DVI interface | Chrontel CH7318 Transmitter with 26-pin DVI connector |
| 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 and 1 x PCIE mini card socket |
| 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-A75TXG**

Intel PGA988B+ QM67 Onboard VGA, LVDS, DVI, USB2.0, COM, HD Audio,
SATAII ,SATAIII, SMBUS, LPC, IrDA, GPIO and PCI Express mini card, **1 x Giga LAN**
Support **Four X1 & One X16** PCI Express interface

FS-A75FTXG

Intel PGA988B+ QM67 Onboard VGA, LVDS, DVI, USB2.0, COM, HD Audio,
SATAII ,SATAIII, SMBUS, LPC, IrDA, GPIO and PCI Express mini card, **1 x Giga LAN**
Support **One X4 & One X16** PCI Express interface

FS-A75TXG2

Intel PGA988B+ QM67 Onboard VGA, LVDS, DVI, USB2.0, COM, HD Audio,
SATAII ,SATAIII, SMBUS, LPC, IrDA, GPIO and PCI Express mini card, **2 x Giga LAN**
Support **Four X1 & One X16** PCI Express interface

FS-A75FTXG2

Intel PGA988B+ QM67 Onboard VGA, LVDS, DVI, USB2.0, COM, HD Audio,
SATAII ,SATAIII, SMBUS, LPC, IrDA, GPIO and PCI Express mini card, **2 x Giga LAN**
Support **One X4 & One X16** PCI Express interface

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