

# Industrial Single Board Computer

## PICMG 1.3 Full-size CPU Card

### FS-A72

Support Intel® Core™ 2 Quad with DDRIII  
VGA, 2 x Gigabit LAN, SATA with RAID  
8 x USB 2.0, 6 x COM, HD Audio, GPIO



Form Factor	PICMG 1.3 Full-size CPU Card
CPU	Support Intel® Core™ 2 Quad /Core™ 2 Duo / Celeron® processor Package type: LGA 775 Front side bus: 800/1066/1333 MHz
Memory	2 x DDRIII 800/1066 MHz SDRAM up to 4GB
Chipset	Intel® Q45 Express Chipset & ICH10DO
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	ACPI 1.0 compliant, supports power saving mode with ATX PSU
VGA Interface	Intel® integrated extreme GMA4500 (Graphic Media Accelerator) Technology
Video Memory	Up to 1024MB shared with system memory
Serial ATA Interface	6 x Serial ATAII interface with 300MB/s transfer rate Support RAID 0, 1, 5, 10 and Intel® Matrix Storage Technology
Audio Interface	Intel® integrated with 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	5 x RS232, 1 x RS232/422/485, 1 x Parallel port, 1 x FDD, 1 x GPIO, 1 x IrDA, 8 x USB 2.0 1 x SMBUS, 1 x Front Audio, 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 <sub>SB</sub> Requirement
Dimension	338 mm x 126 mm (L x W)
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

#### Ordering Code

FS-A72G	Support Intel® Core™ 2 Quad LGA775 with DDRIII, Onboard VGA, 8 x USB2.0, HD Audio 6 x COM, GPIO, SATA, <b>1x Intel® Gigabit LAN</b>
FS-A72G2	Same as above and with <b>secondary Gigabit LAN</b>
OHS-1U775S	1U CPU Cooler for LGA 775 with Backplane

For further product information please visit the website at <http://www.commell.com.tw>

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