

Full Size ATX motherboard

IM-P4LA

Support Intel Core 2 Duo with DDRII
Onboard VGA, 1 x Gigabit LAN
10 x USB2.0, Realtek ALC888 HD Audio
6 x COM Ports, GPIO, SATA, ISA Slot



Form Factor	Full size ATX motherboard
CPU	Support Intel Core 2 Duo and Pentium D / Pentium 4 processor Package type: PLGA 775 Front side bus: 533/800/1066MHz Dual core,EM64T supported
Memory	4 x DDRII 533/667/800MHz SDRAM up to 4 GB
Chipset	Intel 945G & ICH7R
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 GMA950 (Graphic Media Accelerator) Technology
Video Memory	Up to 224MB 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	1 x Intel E8053L Gigabit LAN
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	Onboard one x16 PCI-Express, one x4 PCI-Express, four PCI slots and 1x ISA slots.
Internal I/O Port	4 x RS232 ports, 1 x RS232/422/485, 1 x Parallel port, 1 x FDD port 1 x GPIO port, 1 x IrDA, 4 x USB ports 1 x Front Audio connector, 1 x CDIN connector,
External I/O Port	1 x PS/2 Keyboard/Mouse Port, 1 x RJ45 LAN ports, 6 x USB2.0 ports 1 x DB15 VGA port, 1 x Serial Port, 1 x SPDIF, 1 x Audio.
Power Requirement	Standard 24-pin ATX power supply (20-pin is compatible) Standard 8-pin 12V power Input connector (4-pin is compatible)
Dimension	307mm x 244mm (L x W)
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

