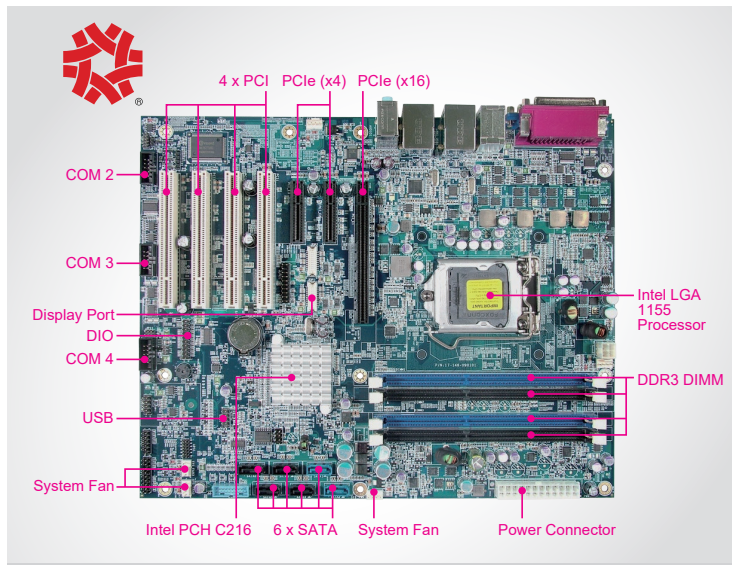


PMB-901LF

ATX-Mainboard



Features



- LGA1155 Intel® Xeon® E3 V2 and 3rd Gen. Core™ i3 processor
- Equipped with C216 chipset
- Supports 4 x DDR3 DIMM sockets 1333/1600MHz up to 32GB (supports ECC, non-ECC)
- Supports dual Gigabit Ethernet
- Supports SATA RAID 0, 1, 5, 10
- Expansion slots for 1 x PCIe (16x), 2 x PCIe (4x), 4 x PCI slot
- Supports 10 x USB, 4 x COM, 2 x SATA III and 4 x system fans

Specifications

System

CPU Support	Intel® Xeon® E3 V2, 3rd Gen. Core™ i3 processor
CPU Frequency	E3-1275 V2: 3.5GHz E3-1225 V2: 3.2GHz i3-3220: 3.3GHz
Chipset	Intel® PCH C216
DRAM	4 x 240-pin DDR3 DIMMs, support dual -channel 1333/1600MHz SDRAM ECC and Non-ECC unbuffered DIMM (system max. 32GB)
BIOS	AMI BIOS
Watchdog	1~255 seconds watchdog timer selectable
Power Supply	Supports ATX power
Power Consumption	+5V:1.11A; +12V:5.61A; +3.3V:0.55A; +5VSB:0.22A (CPU: E3-1275 V2 3.5GHz)
Dimensions	305 x 244 mm (12" x 9.6")
Certifications	FCC / CE
OS Support	Windows 8, Windows 7, Windows XP SP3

Graphics

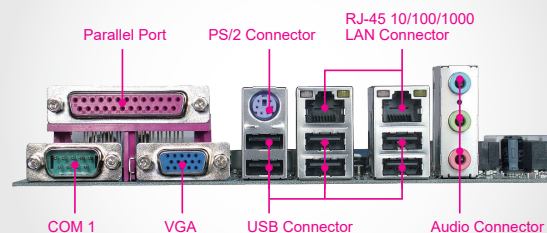
VGA	1 x VGA; up to 1920x1200 @60Hz
Display Port	2 x display ports; up to 2560x1600 @60Hz

* The discrete graphics card is necessary for display if the integrated graphics support is not available in the CPU.

Environment

Operating Temp.	0°~60°C (32°~140°F)
Storage Temp.	-40°~85°C (-40°~185°F)
Humidity	Operation humidity 5~90% (non-condensing)

I/O Panel View



I/O Ports

SATA Interface	2 x SATA III (6.0Gb/s), 4 x SATA II (3.0Gb/s), (RAID 0,1,5,10)
Expansion Bus	1 x PCIe (x16), 2 x PCIe (x4), 4 x PCI
TPM	TPM1.2 with 20-pin header on board for TPM (trusted platform module)
Serial Ports	4 x COM COM1/3/4 for RS-232 COM2 for RS-232/422/485
Parallel Port	1 x parallel port (SPP/EPP/ECP)
IrDA	1 (SIR)
Keyboard/Mouse	PS/2 connector, with mini DIN connector
FAN	1 x CPU fan + 4 x system fans (support smart fan)
LAN	LAN 1: Intel® 82579LM (10/100/1000 Mbps) LAN 2: Intel® 82583V (10/100/1000 Mbps) Supports wake-on-LAN with ATX power
Audio	High definition audio; Realtek ALC888S with MIC / Line-in / Line-out
DI/O	8 in / 8 out
USB	10 x USB 2.0, 2 x USB 3.0