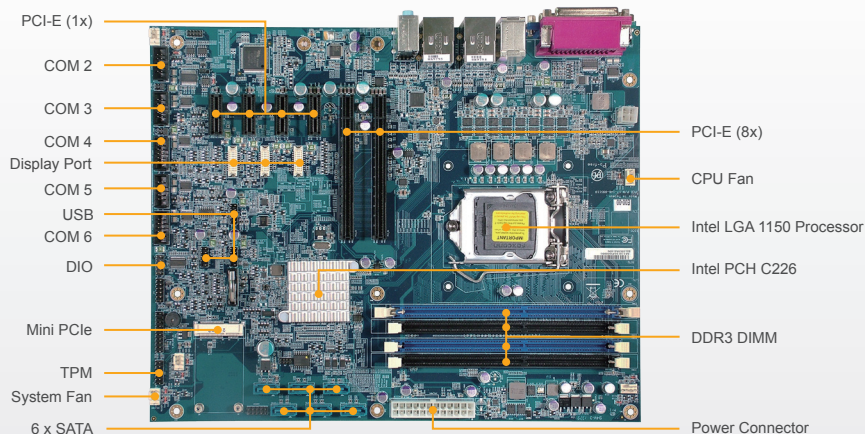


ATX MB supports Intel® Xeon® E3 V3 CPU with VGA/ DP/ Audio/ 2LAN/ 6COM



## Features

- LGA1150 Intel® Xeon® E3 V3 Processor
- Equipped with C226 Chipset
- Memory support four DDR3/DDR3L DIMM socket 1333/1600 up to 32GB (support ECC, non-ECC)
- Support Dual Gigabit Ethernet
- Support SATA RAID 0, 1, 5, 10
- Expansion Slots for two PCIe(8x), four PCIe(1x), Mini PCIe
- Support USB3.0, 6 COM Ports, SATA III and 4 System Fans

## Specifications

### System

CPU Support	Intel® Xeon® E3 V3 Processor
CPU Frequency	E3-1275V3: 3.5Ghz E3-1225V3: 3.2Ghz E3-1268L V3: 2.3Ghz
Chipset	Intel® PCH C226
DRAM	4 x 240-pin DDR3/DDR3L DIMM, support dual-channel 1333/1600MHz SDRAM ECC and Non-ECC Unbuffered DIMM (system max. 32GB)
BIOS	AMI BIOS
Watchdog	1~255 sec Watchdog timer selectable
Power Supply	Support ATX Power
Power Consumption	+5V:1.15A ; +12V:5.84A ; +3.3V:0.38A ; +5VSB:0.21A (CPU: E3-1275V3 3.5GHz)
Dimension	305 mm x 244 mm (12" x 9.6")
Certificate	FCC / CE
OS Support	Windows 8, Windows 7, Windows Server 2008 R2

### I/O Ports

SATA Interface	6 x SATA III (6.0Gb/s), (Raid 0,1,5,10)
Expansion BUS	2 x PCIe(8x) , 4 x PCIe(1x)
TPM	TPM1.2 with 20-pin header on board for TPM (Trusted Platform Module)
Serial Port	6 x COM port, COM 1/3/4/5/6 for RS-232, COM 2 for RS-232/422/485 COM3/4 support 5V and 12V
Parallel Port	1 x Parallel port (SPP/EPP/ECP)
Keyboard/Mouse	PS/2 Connector, with mini DIN connector
FAN	1 x CPU FAN + 4 x System FAN (support smart fan)
LAN	LAN 1: Intel® I217-LM (10/100/1000 Mbps) LAN 2: Intel® I210-AT (10/100/1000 Mbps) Support Wake-on-LAN with ATX power
Audio	High Definition Audio; Realtek ALC888S with Mic / Line-In / Line-Out
DI/O	4 in / 4 out
USB	8 x USB 2.0, 4 x USB 3.0

### Display

Graphics	Build-in processor, share system memory Support 1 x VGA, 3 x Display port
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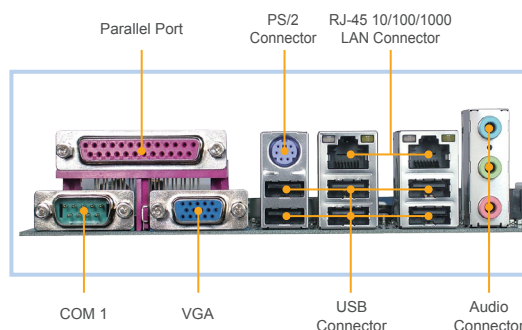
\*Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

### Environment

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

\* All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information. For detail mechanics drawing, please contact our sales.

## I/O Panel View



## Ordering Information

Order No	Description
BA-0951RA-00P	ATX MB with Intel® Xeon® E3V3 CPU(LGA1150)+C226, DDR3/ VGA/3DP/2LAN/6COM/Raid

## Packing List

Part No	Description
10-611-00200123	Jumper (2.0mm)
80-010-07001259	I/O Shield
27-008-00001031	SATA cable
50-099-09510000	Quick Guide
	Driver CD

## Ordering Accessories

Part No	Description
27-024-05206011	COM port cable w/ bracket
27-006-00004111	Dual USB cable w/ bracket
27-006-00008112	USB 3.0 Cable (2 port with Bracket)
81-003-18025144	CPU Cooler (for 65W CPU)
21-008-01212002	CPU Cooler (for 95W CPU)
27-047-00006112	DP to DVI Cable

Order No	Description
BR-4010RA-01P	TPM Module (2.0/2.54mm)
BR-8080RB-00P	DP/eDP to LVDS Daughter Board
BR-6061RA-00P	4 UART (RS232) Half Size Card
BR-6061RA-03P	4 UART (RS422/485) Half Size Card