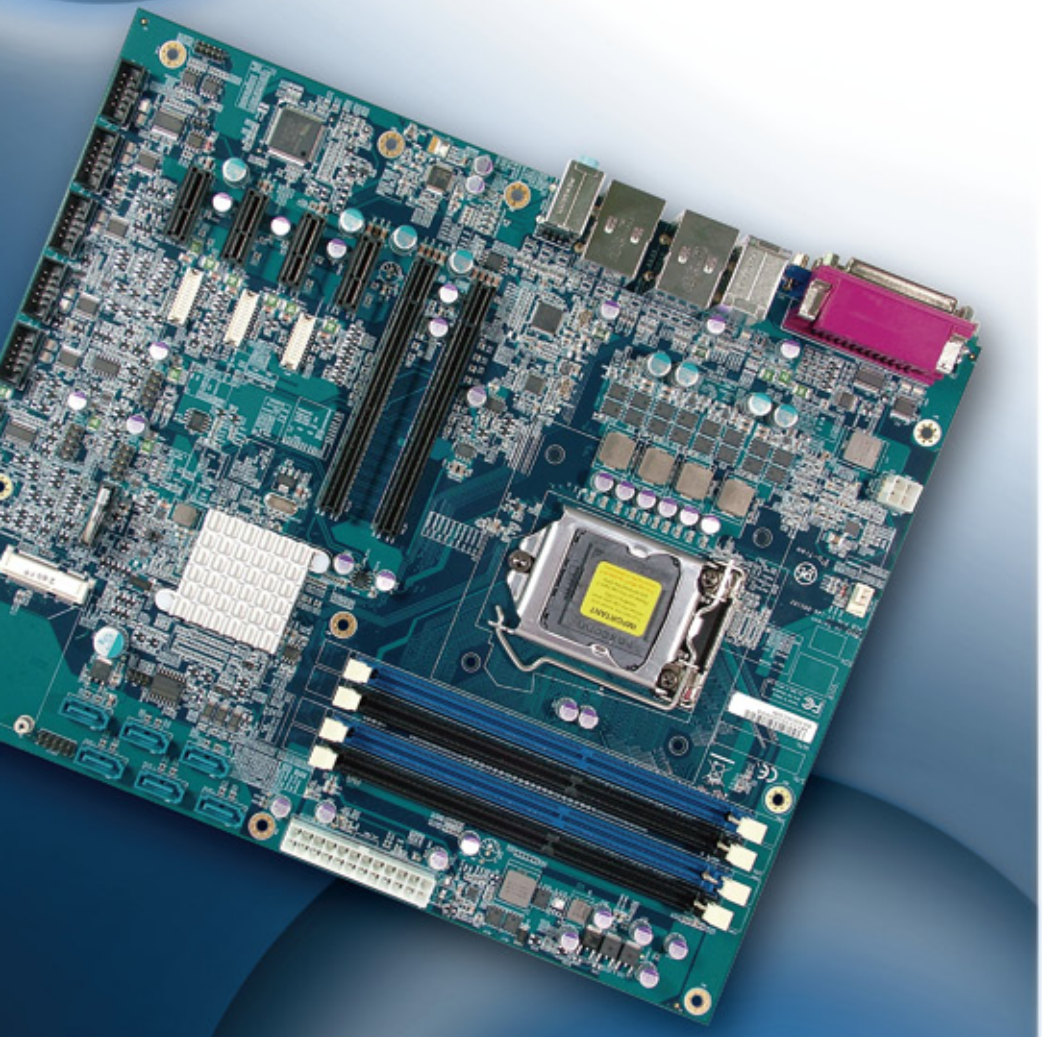
SBC

BA-0951

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 USB 3.0

RoHS Compliant

PROTECH SYSTEMS
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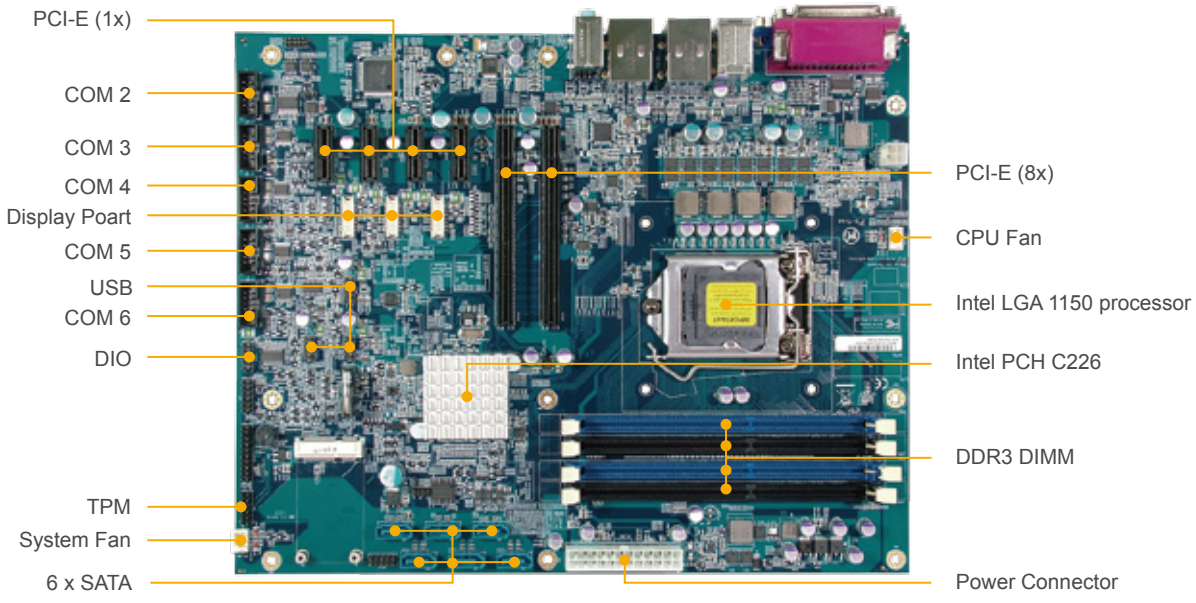
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intel Intelligent Systems Alliance

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



Specifications

System

CPU Support	Intel® Xeon® E3 V3 Processor
CPU Frequency	3.2~3.5GHz
Chipset	Intel® PCH C226
DRAM	4 x 240-pin DDR3 DIMM, support dual -channel 1333/1600Hz SDRAM ECC and Non-ECC Unbuffered DIMM (system max. 32GB)
BIOS	AMI BIOS
Watchdog	1~255 secs Watchdog timer selectable
Power Supply	Support ATX Power
Power Requirement	+5V, +12V, -12V,+3.3V, +5VSB
Dimension	305 mm x 244 mm (12" x 9.6")
Certificate	FCC / CE

I/O Chipset

SATA Interface	6 x SATA III (6.0Gb/s), (Raid 0,1,10,5)
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
Parallel Port	1 x parallel port (SPP/EPP/ECP)
Keyboard	PS/2 Connector, with mini DIN connector
Mouse	PS/2 Connector, with mini DIN connector
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 81866AD-I 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

*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.

Ordering Information

BA-0951RA-00P	ATX MB with Intel® Xeon® E3V3 CPU(LGA1150)+C226, DDR3/VGA/3DP/2LAN/6COM/Raid

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