1U4LW-C242
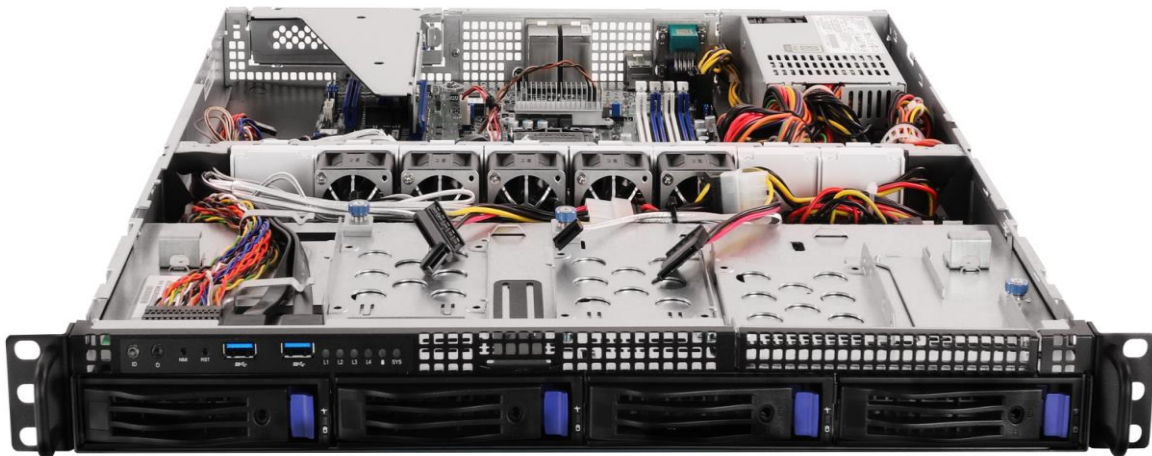
MB
(E3C242D4U inside)
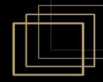
4x 3.5" or 2.5" HDD

400W PSU

Product Brief

- 1U Rackmount with 400W PSU
- Supports externall 4 x 3.5'' HDD or 2.5'' HDD, internal 2x 2.5'' HDD, external: Slim ODD x1 or 2.5'' HDD x1 (optional)
- Supports Intel Xeon E-2100/E-2200 Series Processor
- Supports 4x DDR4 ECC and non-ECC UDIMM, max. 64 GB
- Supports 1x PCIe 3.0 x16
- Supports Intel i210 x2
- ASPEED 2500 for BMC controller, Realtek RTL8211E for dedicated IPMI GLAN

System

Form Factor	- 1U Rackmount
Chassis Model	- 1U4LW
Dimensions	- 533.4 x 482.6 x 44.4 mm (21" x 19" x 1.75")
Support MB	- E3C242D4U(mATX, 9.6'' x 9.6'')

Front Panel

Buttons	- Power Switch, ID Switch, System reset, NMI
LEDs	- Power status, HDD,LANs, System Fail activity LEDs
I/O Ports	- 2 x USB 3.0 ports

Rear IO

USB 3.0	- 2 (Gen2), 2(Gen1)
Serial Port	-1
VGA	- 1 x D-Sub
Lan Port	- 2 x RJ45 Gigabit Ethernet LAN ports - 1 x RJ45 Dedicated IPMI LAN port - LAN Ports with LED (ACT/LINK LED and SPEED LED)

External Drive Bay / Storage

Front Side Drive Bay	- External : Hot-swap 3.5'' HDD x 4 or 2.5'' HDD x4 . Slim ODD x1 or 2.5'' HDDx 1 (optional) - Internal: 2.5'' HDD x 2

Power Supply

Type	- Single PSU
Output Watts	- 300W

System Fan

Fan	- 40 x 28 mm PWM Easy-Swap Fans x 5

Processor System

CPU	- Supports Intel$^®$ Xeon$^®$ E-2100/E-2200 Series Processor
Chipset	- Intel$^®$ C242

System Memory

Capacity	- 4 x 288-pin DDR4 DIMM slots - Support up to 128GB DDR4 ECC/non-ECC UDIMM
Type	- Dual Channel DDR4 memory technology - Supports DDR4 ECC/non-ECC UDIMM (client O.S only)
DIMM Size Per DIMM	- ECC and non-ECC UDIMM: 4GB, 8GB, 16GB, 32GB
DIMM Frequency	- Non-ECC UDIMM: 1600/1866/2133/2400/2666 MHz - ECC UDIMM: 1600/1866/2133/2400/2666 MHz
Voltage	- 1.2v

Expansion Slot

PCIe 3.0 x 16	- Rear : 1 single-width x16 Full Height card (by Riser card)

Ethernet

Interface	- 1000 /100 /10 Mbps
LAN Controller	- 2 x RJ45 GLAN by Intel$^®$ i210 - 1 x RJ45 Dedicated IPMI LAN port - Supports Wake-On-LAN - Supports Energy Efficient Ethernet 802.3az - Supports Dual LAN with Teaming function - Supports PXE - LAN1 supports NCSI

Management	
BMC Controller	- ASPEED AST2500
IPMI Dedicated GLAN	- 1 x Realtek RTL8211E for dedicated management GLAN
Features	- Watch Dog
Graphics	
Controller	- ASPEED AST2500
VRAM	- DDR4 32MB
Environment	
Temperature	Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C