

F2316

X86 Network appliance

Network appliance based on Intel C236 chipset LGA1151 Socket



Features

- Supports Sky Lake Intel LGA1151 Socket Xeon E3-1200V5/ Gen 6th i3 i5 i7 Core/ Pentium processor
- Intel C236 chipset
- Two dual-channel 1866/2133MHz DDR4 slots, up to 32 GB
- Six Intel PCIe GbE controllers(i210-AT)
- One HDD trays, Three SATA 6Gb/s connectors support RAID 0, 1, 5, 10
- Supports USB3.0, mSATA, CF TypeII, COM
- Supports add one nic models for more Intel GbE network ports

Specifications

Motherboard	
CPU	Intel LGA1151 Socket Gen5 Xeon E3/ Gen6 i3/i5/ i7 Core/Pentium processor
Chipset	Intel C236
BIOS	UEFI BIOS
System memory	Two 1866/2333MHz DDR4 slots, up to 32GB
Watchdog Timer	Software programmable supports 1~255sec System reset
Storage	
Interface	Three SATA 6Gb/s connectors
Hard Drive	One 3.5/2.5" HDD trays, Support RAID 0, 1, 5, 10
SSD	One mSATA slot, One CFII Slot
Ethernet	
LAN Port	Six 10/100/1000Mbps RJ-45 ports
Ethernet Controller	Six Intel I210-AT GbE controllers
BYPASS	Optional 2/3 channels BYPASS
Indicator	Indicator RJ-45 with LAN link, active, speed LED
System I/O	
USB	Front 2x USB3.0; Onboard 2x USB2.0 Pin and 2x USB3.0 Pin
COM	One RJ-45 COM
Indicator	One Power LED, One HDD LED
LCM module	Optional 2x16 characters LCM display module
Vedio	Built-in one VGA interface, support hot plug(Internal)
TPM	Built-in one TPM, for TPM module

DIO	8-bit Digital I/O (4-bit input, 4-bit output)
Expansion slot	Built-in One standard PCIe4
Power supply	
Power consumption	Built-in 250W power supply(Optional DC power or Redundant power)
Power input	100 ~ 240V AC input
Environments	
Mounting	Rack-mounting
Operate Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 75°C
Operate Humidity	5% ~ 85% non-condensing @ 40°C
Storage Humidity	5% ~ 95% non-condensing
Mechanical	
Chasis Color	Black or OEM
Faceplate	Silver PVC/Aluminum font panel(OEM/Neutral)
Construction	2u chassis, Heavy duty metal
Dimensions (D x W x H)	450x435x44.5mm

Ordering Informations

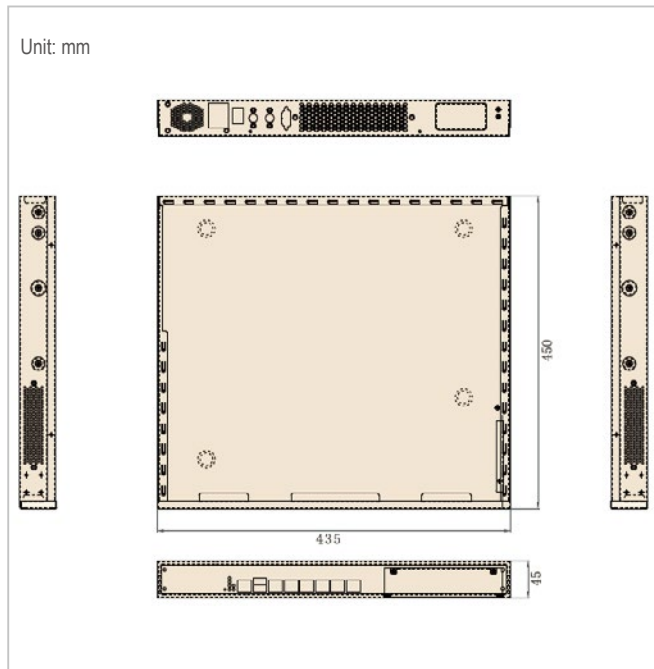
F2316-B0	1u rackmount chassis, C236 Chipset, LGA1151 Socket, 6 x GbE RJ45, 250W PSU
F2316-B1	1u rackmount chassis, C236 Chipset, LGA1151 Socket, 6 x GbE RJ45, 250W PSU, with 2 channels LAN bypass
CPU Optional	Skylake LGA1151 socket (14nm) CPU

Network Appliance

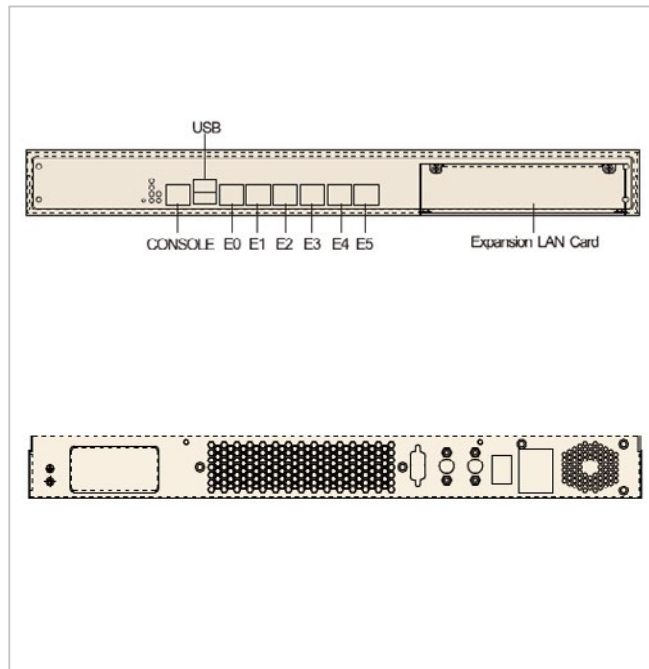
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Network hardware appliance








Dimensions Diagram



I/O Diagrams



Optional Nic Modules

			
58N4	58F4	58NF2	58N8
Four Intel 82580EB GbE controllers, four RJ-45 ports	Four Intel 82580EB GbE controllers, four SFP ports	Four Intel 82580EB GbE controllers, Two SFP ports and Two RJ-45 ports	Eight Intel 82580EB GbE controllers, Eight RJ-45 ports
			
58F8	59W2	35F4	
Eight Intel 82580EB GbE controllers, Eight SFP ports	Two Intel 82599ES 10G GbE controllers, Two SFP ports	Four Intel I350-AM4 GbE controllers, four SFP ports	