

### Network appliance based on Intel H110 chipset LGA1151 Socket



### Features

- Supports Sky Lake Intel LGA1151 Socket Xeon E3-12XX V5 / Gen 6th i3 i5 i7 Core/ Pentium processor
- Intel H110 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
- Supports USB3.0, mSATA, CF TypeII, COM
- Supports add one nic models for more Intel GbE network ports

### Specifications

Motherboard	
CPU	Intel LGA1151 Socket Xeon E3-12XX V5 / Gen6 i3/i5/i7 Core/Pentium processor
Chipset	Intel H110
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
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

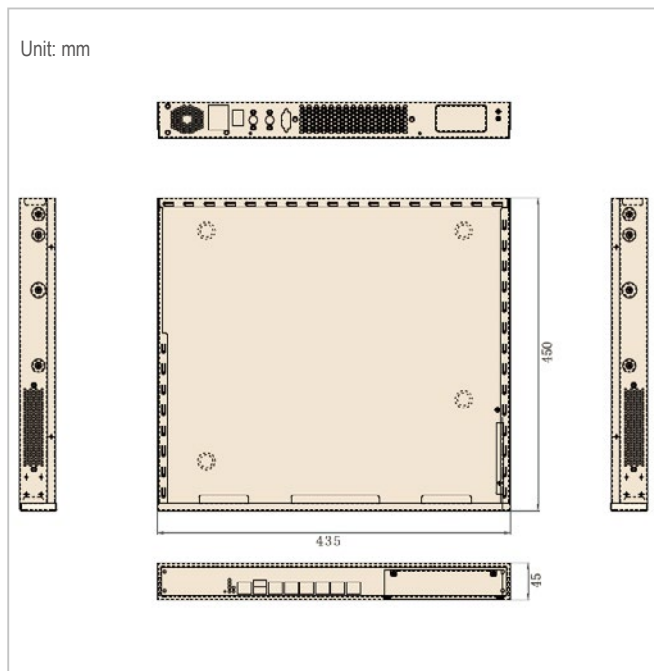
### Ordering Informations

F1116-B0	1u rackmount chassis, H110 Chipset, LGA1151 Socket, 6 x GbE RJ45, 250W PSU
F1116-B1	1u rackmount chassis, H110 Chipset, LGA1151 Socket, 6 x GbE RJ45, 250W PSU, with 2 channels LAN bypass
CPU Optional	Skylake LGA1151 socket (14nm) CPU

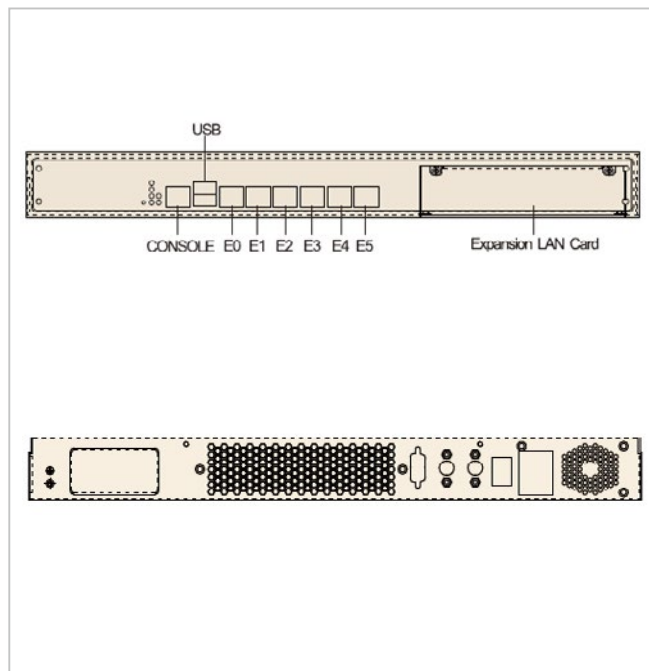
# F1116

Network hardware appliance








## Dimensions Diagram



## I/O Diagrams



## Optional Nic Modules

			
<b>58N4</b>	<b>58F4</b>	<b>58NF2</b>	<b>58N8</b>
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
			
<b>58F8</b>	<b>59W2</b>	<b>35F4</b>	
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	