

F58224

2u Cyber network security appliance, Core mainboard with Intel® LGA 1200 socket, 2x 2.5G LAN, 4x NMC slot



Specifications

Motherboard	
CPU	Intel Gen10/Gen11 i3/i5/i7 Core, Xeon W-1200/1300 processor
Chipset	Intel W580
System memory	Four DDR4 slots, up to 128GB
Storage	
Interface	Two SATA3.0 connectors, one mSATA and one M.2 slot
Hard Drive	Two 3.5/2.5" HDD tray
CF slot	None
Ethernet	
LAN Port	Two 2.5G RJ-45 ports
Ethernet Chip	Intel® Ethernet Controller I225-V
Extension ports	Max 32 ports, extending by NMC slots
Indicator	LAN link, active, speed LED, BYPASS function LED
System I/O	
USB	Two USB3.0
COM	One RJ-45 COM
Indicator	One Power LED, one HDD LED
Video	Built-in one VGA interface, support hot plug(Internal)
NMC slots	Four NMC slots for extension NIC, PCIe8 slots
Power Supply	
Power consumption	250W power supply

Features

- Supports LGA1200 socket Intel Gen10/Gen11 i3/i5/i7 Core, Xeon W-1200/1300 processor
- Intel W580 chipset(Rocket Lake family)
- Four 288pin 2933/3200MHz DDR4 slots, up to 128GB
- Two Intel 2.5G GbE port, Intel ethernet controllers, supports three channels bypass
- Four extension NMC slot to extent RJ45/ SFP/ SFP+ network interfaces by network modules flexibly
- Supports SATA3.0, mSATA, M.2 multiple storages options
- Front USB3.0, Console interface and LED indicators

Power input	100 ~ 240V AC input
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Optional	Single power, DC power or Redundant power
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Environments

Mounting	Supports rack mounting
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Operate Temperature	-10°C ~ 50°C
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Storage Temperature	-20°C ~ 75°C
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Operate Humidity	5% ~ 85% non-condensing @ 40°C
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Storage Humidity	5% ~ 95% non-condensing
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Mechanical

Chassis Color	Black or OEM
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Front panel	PVC (OEM/Neutral)
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Construction	2u chassis, Heavy duty metal
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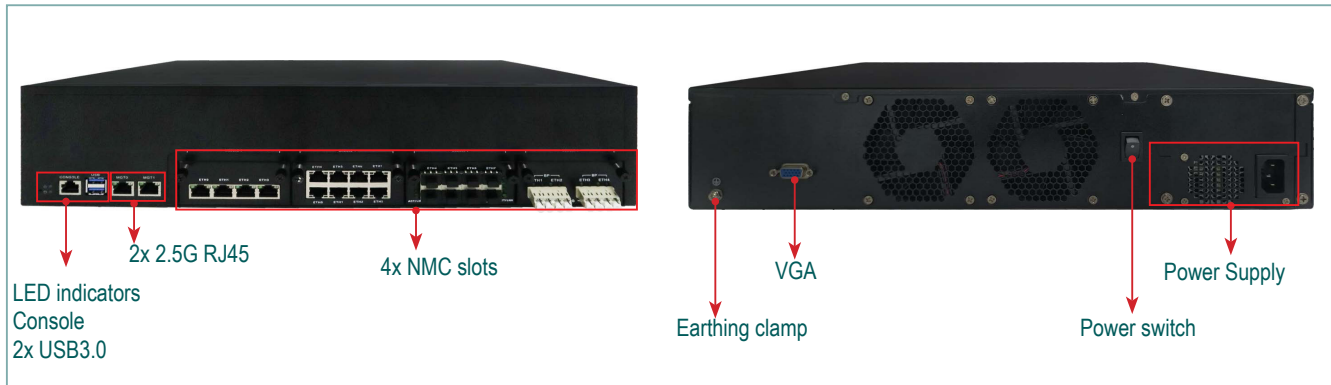
Dimensions (D x W x H)	500x440x88 mm
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Weight	12.8 kg
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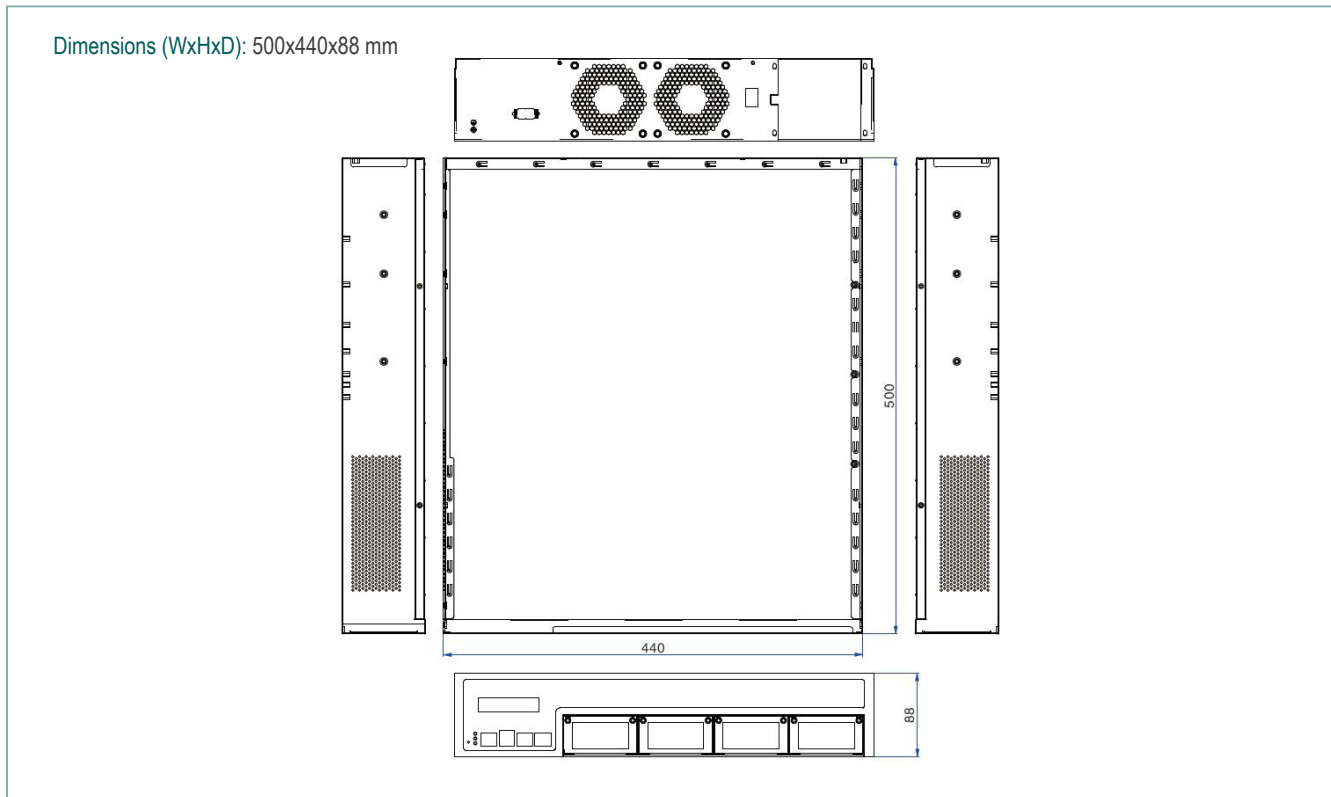
Ordering information

Model	Descriptions
F58224	2u Cyber network security appliance, 1u rackmount chassis, motherboard based on W580 Chipset, Intel LGA 1200 socket, 2x 2.5G RJ45, 4 NMC slots, 250W PSU
F58224-P2	2u Cyber security appliance, 1u rackmount chassis, motherboard based on W580 Chipset, Intel LGA 1200 socket, 2x 2.5G RJ45, 4 NMC slots, 550W redundant PSU

Pictures & Views



Dimensions Diagram



Optional Nic Modules

35N4	4 GbE RJ-45 LAN ports NIC module Lan card based on Intel I350 controllers	35NF8	4 GbE RJ-45 and 4 GBE SFP LAN ports NIC module Lan card based on Intel I350 controllers
35F4	4 GBE SFP LAN ports Nic module LAN card based on Intel Intel I350 controllers	58B2	2 GBE SFP LAN ports NIC module Lan card based on Intel 82580DB controllers, with one channel bypass
35NF4	2 GbE RJ-45 and 2 GBE SFP LAN ports NIC module Lan card based on Intel I350 controllers	59W2	2 10G SFP LAN ports NIC module Lan card based on Intel 82599ES controllers
35N8	8 GbE RJ-45 LAN ports NIC module Lan card based on Intel I350 controllers	71W4	4 10G SFP based on Intel XL710 controllers
35F8	8 GBE SFP LAN ports Nic module LAN card based on Intel I350 controllers	71B4	4 10G SFP based on Intel XL710 controllers, with two channel bypass