

FW-8896

High Performance 2U Rackmount Network Security System Based on Intel Xeon E5-2600 v3/v4 Series CPU and C612 Chipset



FW-8896E/F/G/H



FW-8896A/B/C/D

■ Features

- Dual Intel Haswell/Broadwell-EP E5-2600 v3/v4 CPU Sockets with C612
- Low-Power DDR4 2133/2400 MHz (Max. 512 GB)
- 8 NIC Module Slots (Up to 64 GbE Ports)
- FW-8896A/C with Coletto Creek 8925 Acceleration Chip
- 1+1 ATX 600W/800W Redundant Power Supply
- Optional 1x PCI-E x8 Expansion; OPMA Slot for IPMI
- Gen 2 or Gen 3 LAN Bypass function
- Support N+1 Hot-swappable Cooling Fans with Smart Fan Control

■ Preliminary Specifications

Processor System

CPU Options	Dual Intel® Xeon® processor E5-2600 v3/v4 Series on LGA2011-R3 (Haswell/Broadwell-EP)
Frequency	Depending on CPU
Core Number	Depending on CPU
BIOS	AMI SPI Flash BIOS
Chipset	Intel C612 Chipset

Fanless

No

Memory

Technology	DDR4 2133/2400 MHz Registered DIMM
Max. Capacity	512 GB
Socket	16 x 288-pin DIMM

Ethernet

Controller	2 x Intel i210
Speed	10/100/1000 Mbps
Interface	RJ-45, SFP or QSFP
Bypass	Depending on NIC Module

Storage

Type	SATA
Installation	FW-8896A/B/C/D: 1 x 3.5" internal drive bays, optional 2 x 2.5", FW-8896E/F/G/H: 2 x 2.5" external driver bays

Type	CFast
Installation	1 x CFast socket

I/O

Reset Button	1
Console	1 x RJ45
USB	2 x type A
IPMI	OPMA socket to support IPMI (IAC-AST2300)
Management port	FW-8896A/B/C/D: One, FW-8896E/F/G/H: Two

Expansion

PCIe	1 x PCI-E*8 expansion (optional)
PCI	N/A

Cooling

Processor	CPU heatsink with fan duct
System	4x independent hot-swappable cooling fans with smart fan control

Environment

Operating Temperature	0 ~ 40°C
Storage Temperature	-20 ~ 70°C
Relative Humidity	5~90%, non-condensing / 5~95%, non-condensing

Miscellaneous

LCD Module	128 x 32 LCM with keypad (Graphic optional)
Watchdog	Yes
Internal RTC with Li Battery	Yes

Mechanical

Dimension (W x H x D)	438 x 88 x 600 mm
Weight	25 kg
Mounting	Rack mount

Power

Type / Watts	1+1 ATX 600/800W redundant power supply units
Input	100~240V@47~63Hz

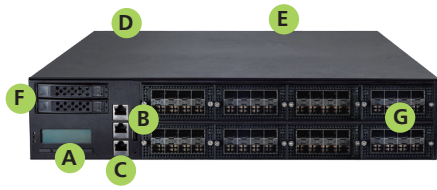
Driver Support

Microsoft Windows	Windows 7, Windows 2008 Server
Linux	Linux Kernel 2.6 or above

Certification

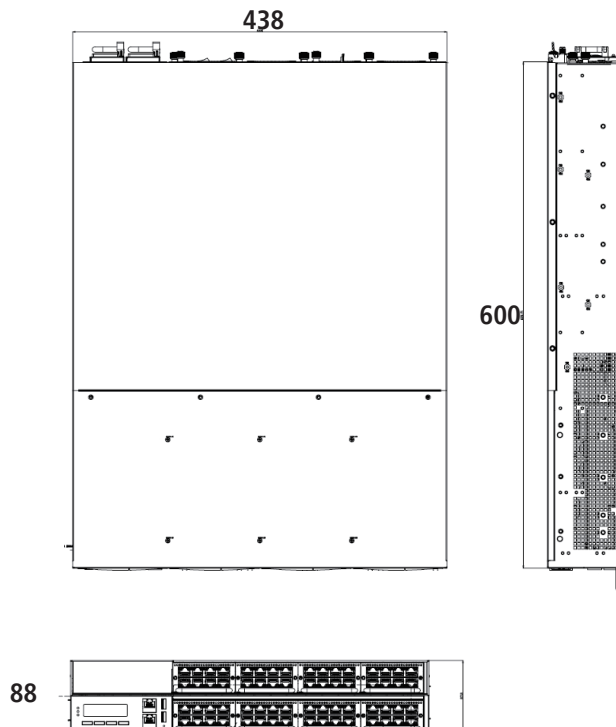
EMC	CE Class A, FCC Class A, RoHS
Safety	N/A

Product I/O View



- A** LCM
- B** Management Port
- C** Console Port
- D** RPS
- E** Swappable Fans
- F** Swappable Drive Bays
- G** NIC Module

Dimensions 438 x 88 x 600 mm



Ordering Information

FW-8896A	2U Rackmount Network Security System based on Intel Grantley platform, 2xHaswell/Broadwell-EP CPU socket + PCH C612, with DH8925 + 600W AC PSU +1x 3.5" HDD bay + 8 NIC module slots
FW-8896B	2U Rackmount Network Security System based on Intel Grantley platform, 2xHaswell/Broadwell-EP CPU socket + PCH C612, 600W AC PSU +1x 3.5" HDD bay + 8 NIC module slots
FW-8896C	2U Rackmount Network Security System based on Intel Grantley platform, 2xHaswell/Broadwell-EP CPU socket + PCH C612, with DH8925 + 800W AC PSU +1x 3.5" HDD bay + 8 NIC module slots
FW-8896D	2U Rackmount Network Security System based on Intel Grantley platform, 2xHaswell/Broadwell-EP CPU socket + PCH C612, 800W AC PSU +1x 3.5" HDD bay + 8 NIC module slots
FW-8896E	2U Rackmount Network Security System based on Intel Grantley platform, 2xHaswell/Broadwell-EP CPU socket + PCH C612, with DH8925 + 600W AC PSU +2x 2.5" external HDD bay + 8 NIC module slots
FW-8896F	2U Rackmount Network Security System based on Intel Grantley platform, 2xHaswell/Broadwell-EP CPU socket + PCH C612, 600W AC PSU +2x 2.5" external HDD bay + 8 NIC module slots
FW-8896G	2U Rackmount Network Security System based on Intel Grantley platform, 2xHaswell/Broadwell-EP CPU socket + PCH C612, with DH8925 + 800W AC PSU +2x 2.5" external HDD bay + 8 NIC module slots
FW-8896H	2U Rackmount Network Security System based on Intel Grantley platform, 2xHaswell/Broadwell-EP CPU socket + PCH C612, 800W AC PSU +2x 2.5" external HDD bay + 8 NIC module slots

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