

FW-8896

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



FW-8896E/F/G/H



FW-8896A/B/C/D

■ Features

- Dual Intel Haswell-EP E5-2600 v3 CPU Sockets with C612 Chipset
- Low-Power DDR4 2133 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 Series on LGA2011-R3 (Haswell-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 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 600/800 W redundant power supply units
Input	90~264 V@47~63Hz

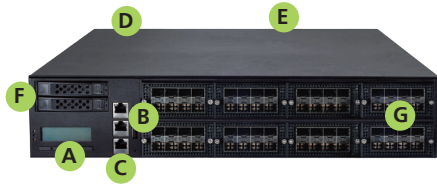
Driver Support

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

Certification

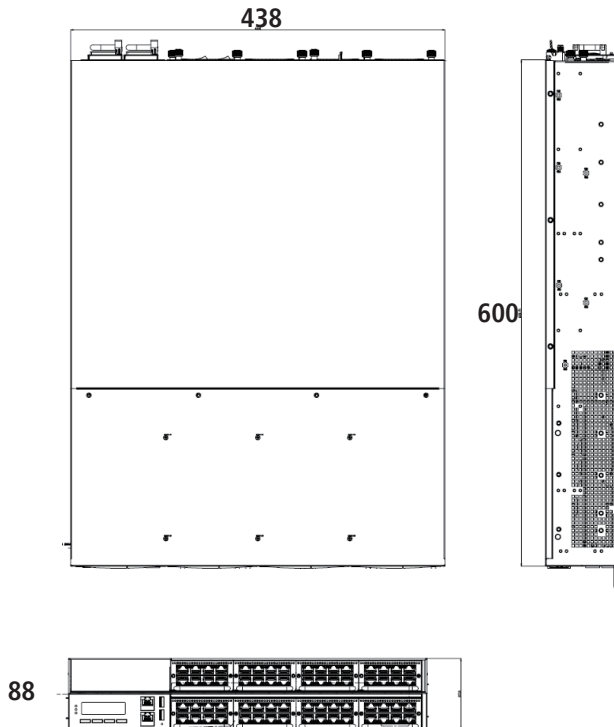
EMC	CE Class A, FCC Class A, RoHS
Safety	N/A

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-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-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-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-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-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-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-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-EP CPU socket + PCH C612, 800W AC PSU +2x 2.5" external HDD bay + 8 NIC module slots

V.3-2015.8.25