

# FW-8894

**High Performance 1U Rackmount Network Security System Based on Intel Xeon E5-2600 v3/v4 Series CPU and C612 Chipset**



## ■ Features

- Dual Intel® Haswell/Broadwell-EP E5-2600 v3/v4 CPUs with Wellsburg PCH
- 4 NIC Module Slots up to 32 LAN Ports
- Supports Intel® 1G/10G/40G Network Controllers
- Up to 25 Gbps QuickAssist Crypto Acceleration by Intel® DH8925
- Supports DDR4 2133 MHz Memory Up to 512 GB
- 1+1 650W ATX Redundant Power Supply
- Optional TPM Support
- OPMA Slot for IPMI
- 4 Hot-swappable Cooling Fans with Smart Fan Control

## ■ Preliminary Specifications

### Processor System

CPU	2 x Intel® Xeon® processor E5-2600 v3/v4 Series (Max. 120W) on LGA2011-R3 (Haswell/Broadwell-EP)
Frequency	Depending on CPU
Core Number	Depending on CPU
BIOS	AMI SPI Flash BIOS
Chipset	Intel C612 Series Chipset

### Fanless

No

### Memory

Technology	DDR4 2133 MHz (Registered ECC)
Max. Capacity	512 GB
Socket	16 x 288-pin DIMM

### Ethernet

Controller	1 x Intel i210
Speed	10/100/1000 Mbps
Interface	RJ-45, SFP or QSFP
Bypass	Depending on NIC Module

### Storage

Type	SATA
Installation	1 x 3.5" or 2 x 2.5" SATA drive bays (drive is NOT included)

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	One, share with IPMI port

### Expansion

PCIe	N/A
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	Character LCM with keypad (Graphic optional)
Watchdog	Yes
Internal RTC with Li Battery	Yes

### Mechanical

Dimension (W x H x D)	438 x 44 x 630 mm
Weight	12 kg
Mounting	Rack mount

### Power

Type / Watts	1+1 ATX 650 W 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

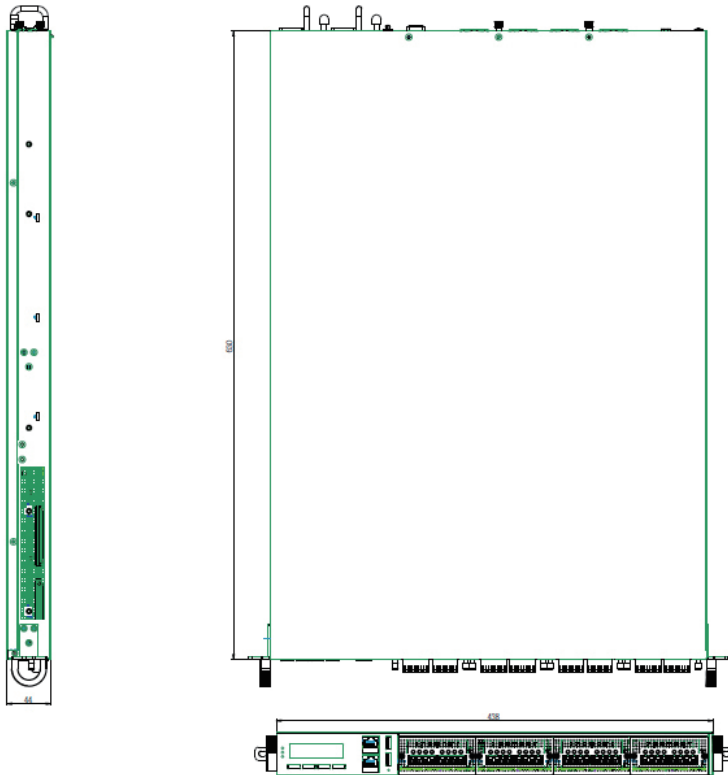
EMC	CE Class A, FCC Class A, RoHS
-----	-------------------------------

## ■ Product I/O View



- A** LCM
- B** Management Port
- C** Console Port
- D** RPS
- E** Swappable Fans
- F** On/Off switch
- G** NIC Module

## ■ Dimensions 438 x 44 x 630 mm



## ■ Ordering Information

- FW-8894A** Support 4 Ethernet module slots & 2 hard drive bays, with Coletto Creek 8925
- FW-8894B** Support 4 Ethernet module slots & 2 hard drive bays

V.4-2016.5,12

# Lanner

© Lanner Electronics Inc. All rights reserved.  
All product specifications are subject to change without notice.  
[connect@lannerinc.com](mailto:connect@lannerinc.com) | [www.lannerinc.com](http://www.lannerinc.com)