

FW-8894

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

■ Features



- Dual Intel® Haswell-EP E5-2600 v3 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 Series (Max. 120W) on LGA2011-R3 (Haswell-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 or non-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 | 90~264 V@47~63Hz |

Driver Support

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

Certification

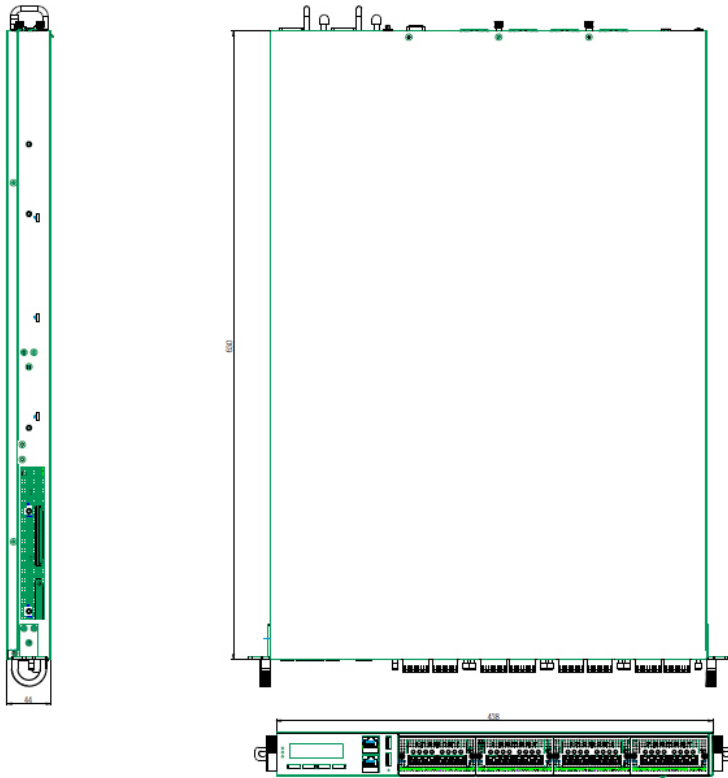
| | |
|--------|-------------------------------|
| EMC | CE Class A, FCC Class A, RoHS |
| Safety | N/A |

■ Product I/O View



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

■ Dimensions 431 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, without Coletto Creek 8925 |

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connect@lannerinc.com | www.lannerinc.com