

FW-8895

**High Performance 2U Rackmount
Network Security System based on Intel Xeon
E5-2600 v1 and v2 Series CPU with C600 chipset**

FW-8895A/B



Ethernet Modules;
Up to 64 x GbE
ports with 8 Ethernet
Modules

FW-8895C/D



Console Port

4 x 3"5 HDD bays

LCM with keypad

Management Port 2 x USB

Features

Intel's New Communications Platform (codenamed Romley) with Dual Next Generation Intel Processor

The FW-8895 has dual next generation Intel processors built in, with a total of 16 cores. The FW-8895 supports mother boards with quad-channel memory, up to 128GB of RAM and 80 PCIe 3.0 lanes.

Next Generation Communications Platform from Intel

Intel's latest chipset comes with the Intel Quick Assist 1.5 technology, coupled with Intel's next generation CPU, the FW-8895 is capable of meeting the demand for computing power and for accelerating security packet processing.

600/800 W Redundant Power

Dual power supplies are utilized to ensure a constant flow of power for appliances that need to be on 24 hours a day, 7 days a week, 52 weeks a year; every failure, regardless of the length of time, is equal to lost dollars. The FW-8895's dual power supplies allow redundancy protection for users that have highly sensitive networks. For maximum effectiveness, these power supplies should be connected to different sources of electricity (i.e. wall socket + battery).

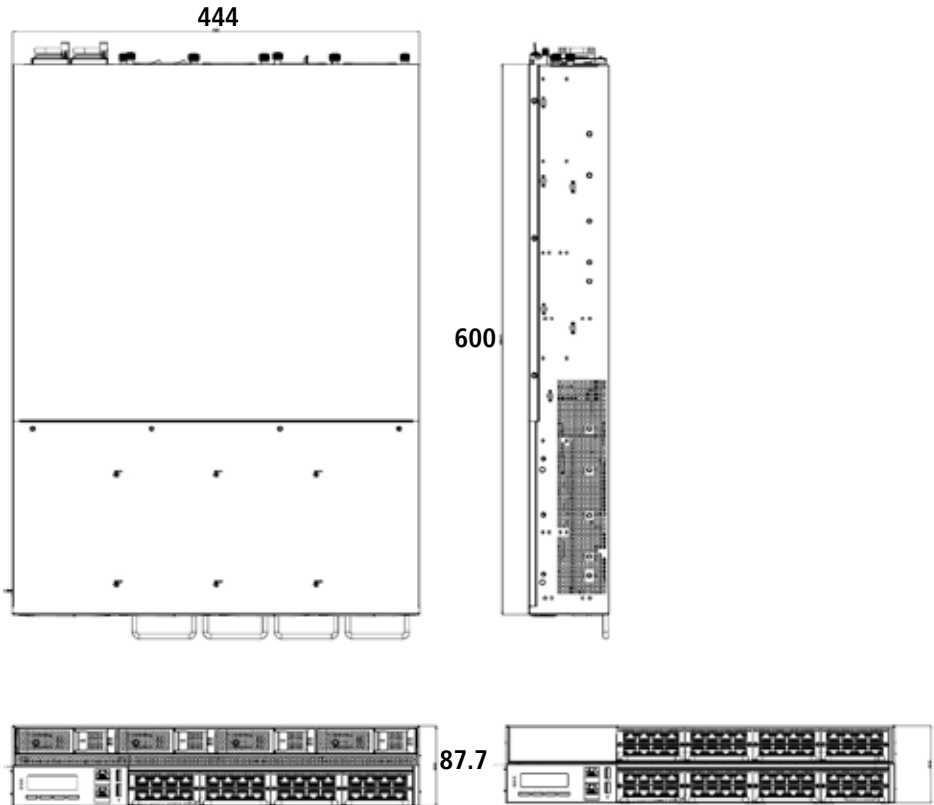
Expandable Ethernet Modules

The FW-8895 can be fitted with up to eight Ethernet modules, increasing the number of GbE ports to a total of 64. When the FW-8895 is fitted with only four Ethernet modules, the option of having four 3.5" HDD bays with SATA or SAS interface (Patsburg-D only) is available.

Wind River Development Kit

A Wind River development kit is designed for FW-8895 to give you a short-cut for developing applications with Intel DPDK. Wind River also provides written instructions, video tutorials and a 2-day DPDK training course. FW-8895 with the Wind River Development Kit offer the fastest development path for those that wish to leverage Intel's DPDK. (This is a 30-day evaluation kit).

Dimensions: 444 x 87.7 x 600 mm



Specifications

Form Factor		2U Rackmount
Platform	Processor Options	2 x Intel® Xeon® processor E5-2600 v1 and v2 Series on LGA2011 (Sandy Bridge-EP or Ivy Bridge-EP)
	Chipset	Intel C600 series Chipset
OS Support		Windows 2003/2008 Server, Linux kernel 2.6 or above
BIOS		AMI BIOS 64 Mb
System Memory	Technology	DDR3 1333 MHz ECC DIMM or DDR3 1333/1600 MHz Registered DIMM
	Max. Capacity	128 GB
	Socket	16 x 240-pin DIMM
Storage	HDD Bays	2 x 3.5" or 4 x 3.5" HDD
	CF/SD	1 x CF card Type II ast
Networking	Ethernet Ports	1x RJ-45 with LED for Management port (Optional LOM port)
	Bypass	Depends on NIC module Bypass specification
	Controllers	2 x Intel 82574L
	Ethernet Modules	8
	Management Port	One, share with IPMI port
I/O Interface	Reset Button	1 x reset button, Software reset by default
	Console	1 x RJ45
	USB	2 x USB 2.0
	IPMI via OPMA slot	Optional
	Display	N/A
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
Environmental Parameters	Temperature, ambient operating / storage	0 ~ 40° C / -20~70° C
	Humidity (RH), ambient operating / ambient non-operating	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
Physical Dimensions	Dimensions (WxHxD)	444 x 87.7 x 600 mm
	Weight	25 kg
Power	Type / Watts	1+1 ATX 600/800 W Redundant Power Supply Units
	Input	90~264 V@47~63Hz
Approvals and Compliance		CE Class A, FCC Class A, RoHS, UL

Ordering Information

FW-8895A	Support 8 Ethernet modules & 2 hard drive, with CN1620
FW-8895B	Support 8 Ethernet modules & 2 hard drive, without CN1620
FW-8895C	Support 4 Ethernet modules + 4 hard drives, with CN1620
FW-8895D	Support 4 Ethernet modules + 4 hard drives, without CN1620

Compatible NIC Modules

Slim Module	Ports	Chipset	Bypass
NCS-IGM427A	4 GbE RJ45	Intel Cave Creek	2 Pairs G3
NCS-IGM427B	4 GbE RJ45	Intel Cave Creek	N/A
NCS-IGM806A	8 GbE RJ45	2 x Intel I350-AM4	4 Pairs G3
NCS-IGM806B	8 GbE RJ45	2 x Intel I350-AM4	N/A
NCS-IGM808A	8 GbE RJ45	Intel i210AT	4 Pairs G3
NCS-IGM808B	8 GbE RJ45	Intel i210AT	N/A
NCS-ISM405A	4 GbE SFP Fiber	Intel I350-AM4	2 Pairs of Fiber Bypass
NCS-ISM406A	4 GbE SFP Fiber	Intel I350-AM4	N/A
NCS-ISM802A	8 GbE SFP Fiber	2 x Intel I350-AM4	N/A
NCS-ITM202A	2 10G RJ45	2 x Intel X540	N/A
NCS-IXM204A	2 10G SFP+ Fiber	Intel 82599ES	N/A
NCS-IXM205A	2 10G SFP+ Fiber	Intel 82599ES	1 Pair of Fiber Bypass
NCS-IXM405A	4 10G SFP+ Fiber	Intel 82599ES	N/A
NCS-MTX401A	4 10G SFP+ Fiber	Tilera TILE-Gx8036	with Bypass
NCS-MTX401B	4 10G SFP+ Fiber	Tilera TILE-Gx8036	N/A

Optional Power Cords

080W240318304	RoHS AU 3P/3P L=183CM(YP-35+YC-12)
080W240318307	RoHS CN 3P/3P L=183CM(YP-03+YC-12)
080W240318305	RoHS EU 3P/3P L=183CM(YP-22+YC-12)
080W240318301	RoHS UK 3P/3P L=183CM(YP-61+YC-12)
080W240318306	RoHS US 3P/3P L=183CM(YP-12+YC-12)
080W240318310	RoHS POWER CABLE 3P 183CM(YP-81+YC-12)IND YUNGLI