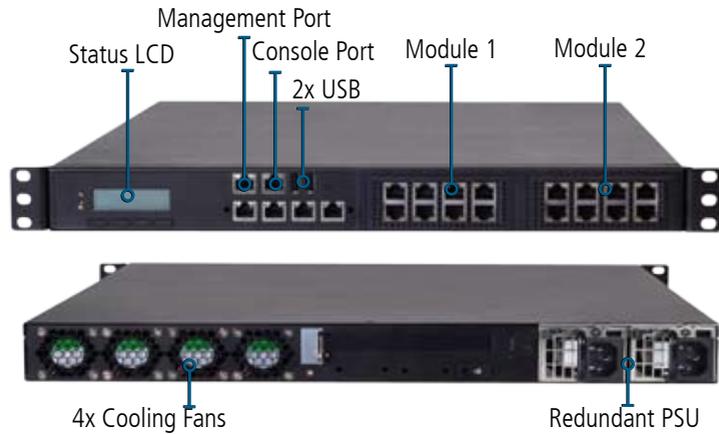


# FW-8865

**1U Intel Sandy Bridge / Ivy Bridge Network Platform with C206 Series Chipset, 2 optional Lanner NIC Modules, Redundant PSU**



## Features

### Intel® 2nd and 3rd generation Processors support

The FW-8865 is compatible with both 2nd and 3rd\* generation Intel® Xeon™ and Core™ processors. The 3rd generation Intel Core™ processor is the first 22nm CPU in the market, it delivers increased performance with lower power, also enables multiple capabilities enhancing connectivity, responsiveness and security.

\*Older units may require BIOS update.

### Up to 20 GbE LAN Ports

A 1U appliance that offers up to 20 GbE LAN ports. There are 4 onboard GbE ports and users can add up to 20 GbE LAN ports via optional Lanner NIC modules.

### Intel C206 Chipset

C206 delivers dependability and productivity by providing new levels of cost effective data protection, performance, expanded security, virtualization, and power management options.

### Value Proposition

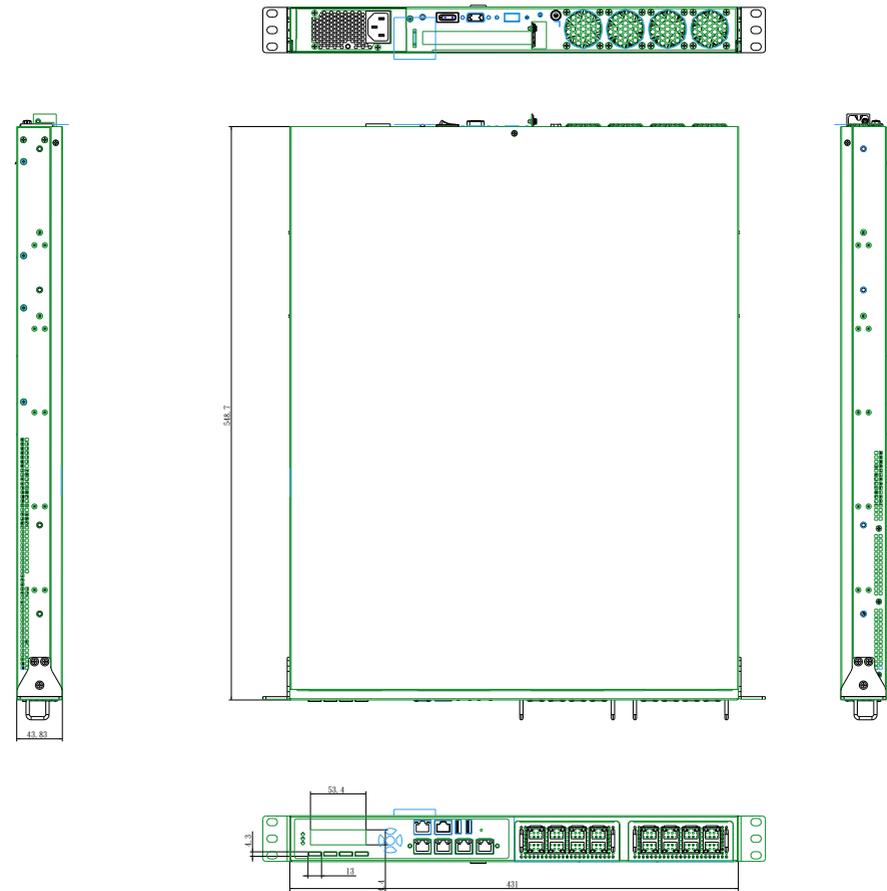
The FW-8865 is a low power consuming platform with the ability to operate at a near enterprise level network appliance. The 1U chassis ensures that this appliance will add tremendous network communication bandwidth to any system.

## Redundant Power Supplies

The FW-8865 has one CPU heatsink with fan duct and 4 cooling fans with smart fan control, minimizing the likelihood of costly system downtime.



**Dimensions: 431 x 44 x 550 mm**



## Specifications

<b>Form Factor</b>		Standard 19-inch rackmount
<b>Platform</b>	Processor Options	2nd generation Intel® Xeon® E3-1275, E3-1225, Intel Core i3-2120, G850, G540 on LGA1155 3rd generation Intel® Xeon® E3-1275v2, E3-1225v2, Intel Core i3-3220, G2120 on LGA1155
	Chipset	Intel C206
<b>BIOS</b>		AMI BIOS 64Mbit SPI Flash ROM
<b>System Memory</b>	Technology	Technology: Dual-Channel DDR3 unbuffered ECC or non-ECC 1066 / 1333 /1600 MHz (Only Ivybridge processor can support to 1600MHz)
	Max. Capacity Socket	32GB 4 x 240P DIMM
<b>OS Support</b>		Windows 2000, 2003, XP, 7. Linux kernel 2.4 and up, OpenBSD, FreeBSD
<b>Storage</b>	HDD Bays	2 x 2.5" or 1 x 3.5"
	CompactFlash	1 x Type II CompactFlash
<b>Networking</b>	Ethernet Ports	4 x GbE RJ45 default (20 GbE ports maximum)
	Bypass	2 pairs G3
	Controllers	4 x Intel 82574L or 2 x Intel I350
	Ethernet Modules	2
	Management Port	1 x GbE RJ45
<b>Security Acceleration</b>		N/A
<b>I/O Interface</b>	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
<b>Expansion</b>	PCIe	1 x PCI-E*4 expansion
	PCI	1 x Mini-PCI
<b>Cooling</b>	Processor	CPU heatsink with fan duct
	System	4 x cooling fans with smart fan control
<b>Environmental Parameters</b>	Temperature, ambient operating / storage	0 ~ 40° C / -20~70° C
	Humidity (RH), ambient operating / ambient non-operating	5~95%, non-condensing
<b>Miscellaneous</b>	LCD Module	2 x 20 characters
	Watchdog	Yes
	Internal RTC w/ Li Battery	Yes
<b>Physical Dimensions</b>	Dimensions (WxHxD)	431 x 44 x 550 mm
	Weight	12 kg
<b>Power</b>	AC: Type / Watts	1U ATX SPS / 270W or 1U ATX redundant 275W each
	AC: Input	AC 100~240V @50~60 Hz
	DC: Type / Watts	1U 250W Redundant
	DC: Input	-40V~-72VDC, 10-5A
<b>Approvals and Compliance</b>		CE emission, FCC Class A, RoHS

## Ordering Information

FW-8865A	4 ports RJ-45 Gigabit (82574L) with LAN Bypass function + Single Power Supply
FW-8865B	4 ports RJ-45 Gigabit (I350) with LAN Bypass function + Single Power Supply
FW-8865C	4 ports RJ-45 Gigabit (82574L) with LAN Bypass function + Redundant Power Supply
FW-8865D	4 ports RJ-45 Gigabit (I350) with LAN Bypass function + Redundant Power Supply
FW-8865E	4 ports RJ-45 Gigabit (82574L) without LAN Bypass function + Single Power Supply
FW-8865F	4 ports RJ-45 Gigabit (82574L) without LAN Bypass function + Redundant Power Supply

## Optional Power Cords

<b>080W240318301</b>	Power Cord (UK 3P/3P)
<b>080W240318304</b>	Power Cord (AU 3P/3P)
<b>080W240318305</b>	Power Cord (EU 3P/2P)
<b>080W240318306</b>	Power Cord (US 3P/3P)
<b>080W240318307</b>	Power Cord (CN 3P/3P)
<b>080W240318310</b>	Power Cord (IND 3P/3P)

## Optional Mounting Brackets

<b>S090AL8090100</b>	Ear bkt pack
<b>PN9NSFH42Z100</b>	Slide Rail

## Optional Accessories

<b>0P1W250210205</b>	DC PSU module
<b>PN9NSEQ640100</b>	IPMI CARD IAC-AST2150
<b>080W2B0801501</b>	Internal Keyboard/ Mouse cable for development only