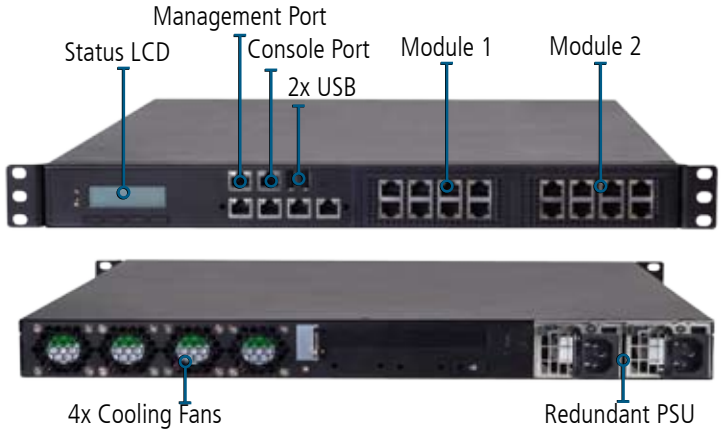
# FW-8865

**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.

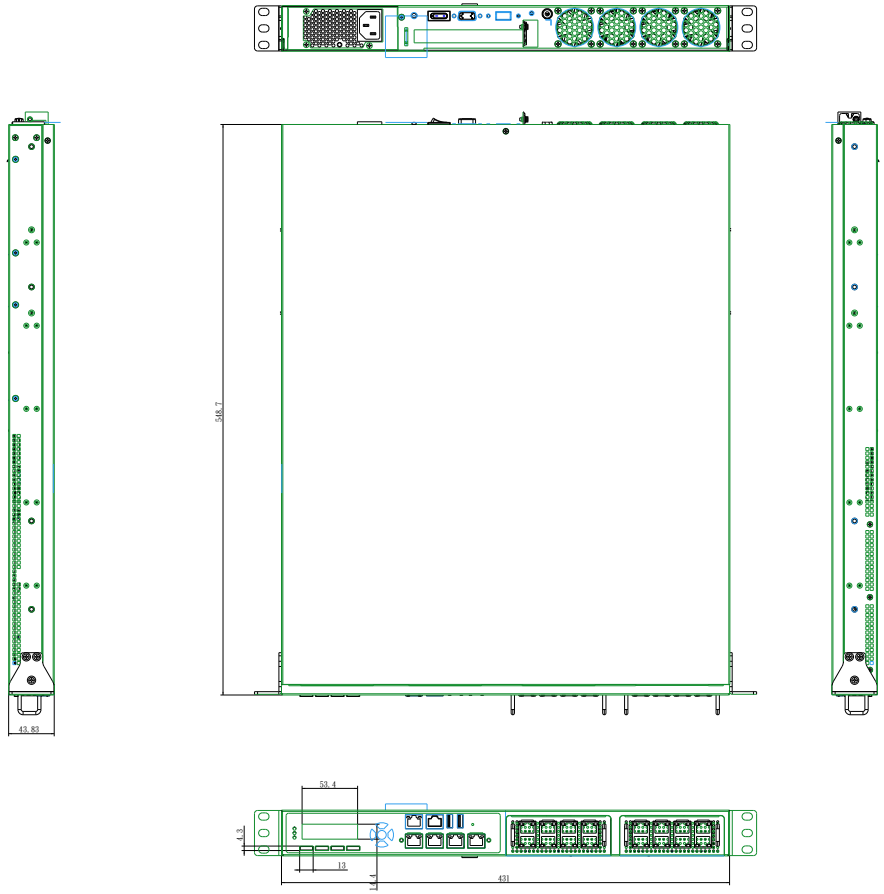
### Value Proposition

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 are subject to change without notice

## Specifications

| | | |
|---|---|---|
| **Form Factor** | | Standard 19-inch rackmount |
| **Platform** | Processor Options | 2nd generation Intel® Xeon® E3-1275, E3-1225, Intel Core i3-2120, G850, G540 on LGA1155 |
| | | 3nd generation Intel® Xeon® E3-1275v2, E3-1225v2, Intel Core i3-3220, G2120 on LGA1155 |
| | Chipset | Intel C206 |
| **BIOS** | | AMI BIOS 64Mbit SPI Flash ROM |
| **System Memory** | Technology | Technology: Dual-Channel DDR3 unbuffered ECC or non-ECC 1066 / 1333 /1600 MHz (Only Ivybridge processor can support to 1600MHz) |
| | Max. Capacity | 32GB |
| | Socket | 4 x 240P DIMM |
| **OS Support** | | Windows 2000, 2003, XP, 7. Linux kernel 2.4 and up, OpenBSD, FreeBSD |
| **Storage** | HDD Bays | 2 x 2.5" or 1 x 3.5" |
| | CompactFlash | 1 x Type II CompactFlash |
| **Networking** | 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 |
| | Security Acceleration | N/A |
| **I/O Interface** | Reset Button | 1 x reset button<br>Software reset by default |
| | Console | 1 x RJ45 |
| | USB | 2 x USB 2.0 |
| | IPMI via OPMA slot | Optional |
| **Expansion** | PCIe | 1 x PCI-E*4 expansion |
| | PCI | 1 x Mini-PCI |
| **Cooling** | Processor | CPU heatsink with fan duct |
| | System | 4 x 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 | 5~95%, non-condensing |
| **Miscellaneous** | LCD Module | 2 x 20 characters |
| | Watchdog | Yes |
| | Internal RTC w/ Li Battery | Yes |
| **Physical Dimensions** | Dimensions (WxHxD) | 431 x 44 x 550 mm |
| | Weight | 12 kg |
| **Power** | 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 |
| **Approvals and Compliance** | | 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

| | |
|---|---|
| **080W240318301** | Power Cord (UK 3P/3P) |
| **080W240318304** | Power Cord (AU 3P/3P) |
| **080W240318305** | Power Cord (EU 3P/2P) |
| **080W240318306** | Power Cord (US 3P/3P) |
| **080W240318307** | Power Cord (CN 3P/3P) |
| **080W240318310** | Power Cord (IND 3P/3P) |

### Optional Mounting Brackets

| | |
|---|---|
| **S09OAL8090100** | Ear bkt pack |
| **PN9NSFH42Z100** | Slide Rail |

### Optional Accessories

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

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