

# FW-8764-2ODP

**1U Rackmount Network Appliance powered by Intel Haswell 4<sup>th</sup> Gen Core i3/i5/i7 or Xeon E3 1200 V3/V4 with 6 GbE LAN, 2/4 x 10 GbE SFP supporting mSATA and Wi-Fi/LTE card**



## Overview:

Thank you for choosing the FW-8764-2ODP. The system is powered by Intel Core Processors, codenamed Ivy Haswell, with the Intel B85/Z87 Series Chipset. It supports up to 16GB of DDR3 system memory at 1600MHz on dual-channel DIMM banks. The FW-8764-2ODP is equipped with advanced I/O capacity which includes an RJ-45 console port, 4 Serial-ATA ports (comply with SATA Standard 3.0 and 2.0), a mini SATA slot and a CompactFlash slot(Optional). LAN1/2, LAN3/4 supports 2 pairs of BYPASS(Optional).

## Feature:

- Adopts the dedicated multi Ethernet application scheme to design
- Based on Intel B85/Z87 express chipset
- Integrated with 6 x Intel 82583V or 82574L 1000M Ethernet cards, supports 2 pairs BYPASS(Optional)
- Integrated 1 x Intel 82599, supporting 2 x 10GbE SFP+ ports(Optional)
- Provides a PCIe X4 slot to support additional 2 x 10G SFP+ ports(Optional)
- Provides 1 Mini PCIe slot, supports Wi-Fi/LTE modules
- Provides 1 mSATA slot, supports SSD, transit rate reaches 6Gbps. Supports SSD, SATA HDD, CF card storage

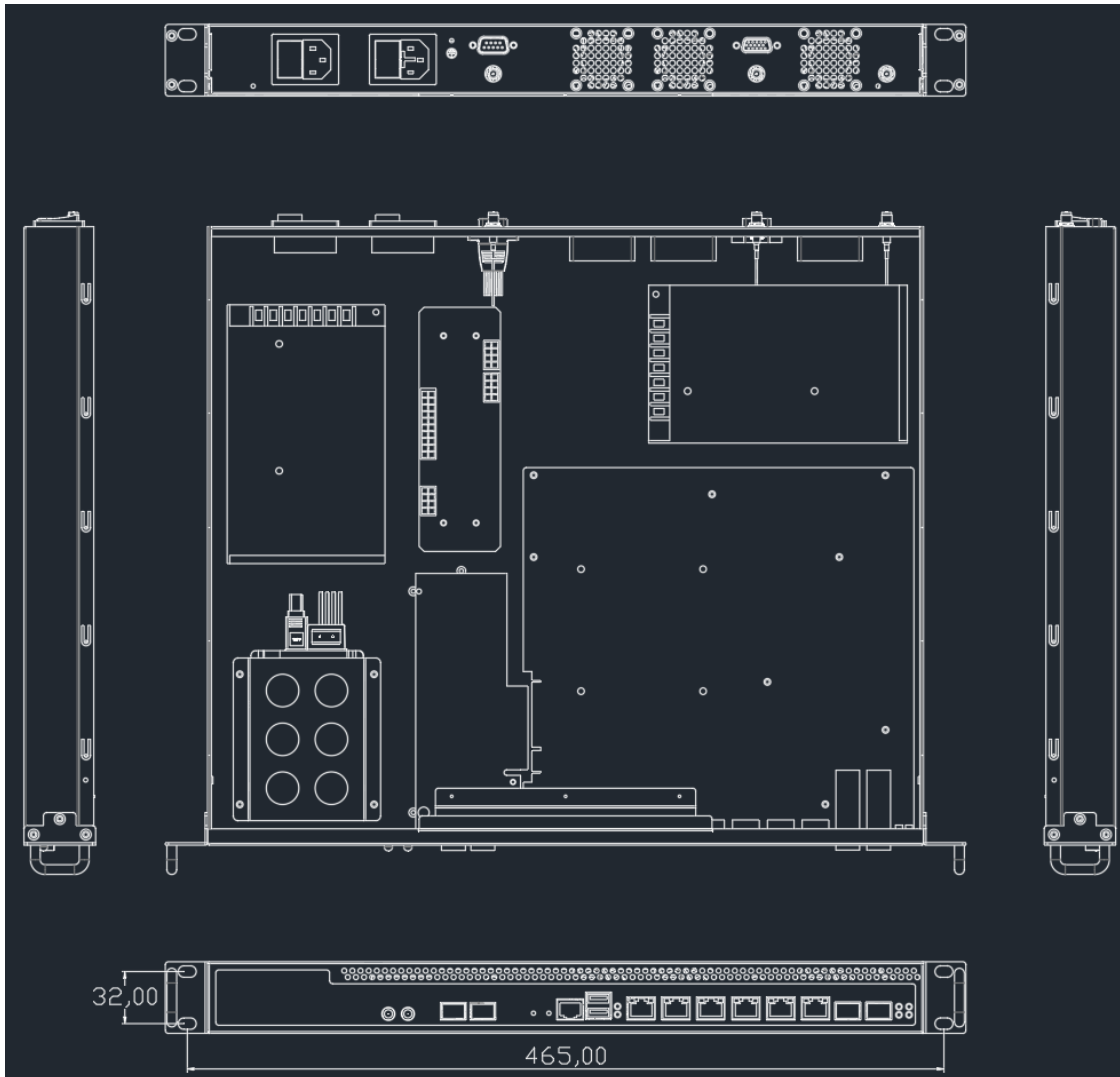
## Specification:

### FW-8764-2ODP

Model No.		FW-8764-2ODP
Form Factor		1U Rackmount
Platform	Processor Options	Intel Haswell 22nm Core i7/i5/i3, Pentium, Celeron, Xeon E3 1200 v3/v4.
	CPU Socket	LGA1150
	Chipset	Intel B85 or Z87
OS Support		Linux, Ubuntu, CentOS, pfSense, Windows All
BIOS		AMI 32MB
System Memory	Technology	DDR3 1600/1333/1066MHz
	Max. Capacity	16GB
	Socket	2 x SO-DIMM

Networking	Ethernet Ports	6 x Intel 82583V or 82574L GbE LAN 2 x 10 GbE SFP via Intel 82599 1 x PCIe X4 slot to support additional 2 x 10G SFP+ via Intel 82599ES(optional)
	Bypass	1 pair of BYPASS(Optional)
Storage	HDD Bays	N/A
	CF/SD	1 x CF socket onboard(Optional)
	mSATA	1 x mSATA socket onboard
I/O Interface	Reset Button	1 x Reset Button
	LED	1 x Power LED, 1 x HDD LED, 2 x Power Failure Warning LED
	Power Button	1 x Power Button
	Console	1 x RJ45 Console(Unusable by default)
	USB	2 x USB 2.0
	LCD Module	N/A
	Display	1 x VGA output
Expansion	Power Input	1 x AC Inlet
	PCIe	N/A
Miscellaneous	Mini-PCIe	1 x Mini PCIe (Supporting Wi-Fi and LTE)
	Watchdog	Yes
	Internal RTC with Li Battery	Yes
Cooling	TPM	N/A
	Processor	1 x Bronze CPU Fan
Environmental Parameters	System	2 x 4020 System Fan
	Temperature	-15~60°C
Physical Dimensions	Humidity	0% ~ 95%, non condensing
	(WxHxD)	-
Package Dimensions	Weight	4.5KG
	(WxHxD)	530*370*150mm
Power	Weight	5.0KG
	Type/Watts	2 x 200W Internal Open Frame
	Input	4A 100-127V~ or 2A 200-240V~ 47-63Hz

## System Structure



## Ordering Information

Part number	PCH	DDR3	1Gb LAN port	SFP	Console	USB 2.0	2.5" HDD	3.5" HDD	PCIe Expansion	Power
FW-8764-2ODPA	B85	2	6 x Intel 82583V	2 x 10G	N/A	2	2	0	-	2 x 200W open frame
FW-8764-2ODPB	B85	2	6 x Intel 82583V	4 x 10G	N/A	2	2	0	-	2 x 200W open frame

## Packing List

1	SATA data cable
2	Power cord 3P 180cm, China
3	Rack ears
4	Accessory screw bag

## Optional Accessories

1	Power cord 3P 180cm, USA
2	Power cord 3P 180cm, Europe
3	Power cord 3P 180cm, UK
4	Power cord 3P 180cm, Japan



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Professional industrial PC and network appliance designer and manufacturer.

5	Power cord 3P 180cm, India
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