

FW-B158-1N

1U Rackmount Network Appliance with Intel Skylake 6th/7th Gen Core i3/i5/i7, 8 x RJ45 LAN (or 6 x RJ45 + 2 x GbE SFP) , 1 x NIM slot, mSATA



Feature:

Supports LGA1151 6th/7th Gen Core i3/i5/i7 Pentium/Celeron processors

Deploy Intel Intel B150 express chipset

Supports 2 x DDR4 SO-DIMM memory, Max. 32GB

Integrated with 8 x Intel i211 GbE Ethernet cards or 6 x GbE RJ45 + 2 x GbE SFP, supports Wake On LAN, PXE booting

Supports 1 x NIM slot

Supports 1 x RS232 console port(RJ45 type, Cisco Standard)

Supports 4 x USB 2.0 headers, 2 x USB 3.0 ports

Supports SSD, SATA HDD storage

Specification:

FW-B158-1N

Model No.		FW-B158-1N
Form Factor		1U 19" Rackmount
Platform	Processor Options	Intel Core i7/i5/i3, Pentium, Celeron(B150 chipset)
	CPU Socket	1x LGA1151
	Chipset	Intel B150
	Security Acceleration	AES-NI
BIOS		AMI SPI Flash BIOS
System Memory	Technology	DDR4 2400/2133 MHz
	Max. Capacity	32GB
	Socket	2x 260pin SODIMM
Networking	Ethernet Ports	8x GbE RJ45 Intel i211 or 6 x GbE LAN + 2 x GbE SFP 1 x NIM slot
	Bypass	2 x pairs(Optional)
I/O Interface	Reset Button	-
	LED	Power/Storage
	Power Button	1x Power button
	Console	1x RJ45



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	USB	2x USB 3.0
	LCD Module	-
	Display	1x VGA
	Power Input	AC power inlet on PSU
Storage	HDD/SSD Support	2x 2.5" bays
	Onboard Storage	1x m-SATA
Expansion	PCIe	1x PCIe X8
	Mini-PCIe	1 x Mini PCIe(For WiFi and 4G)
Miscellaneous	Watchdog	Yes
	Internal RTC with Li Battery	Yes
	TPM	-
Cooling	Processor	CPU fan
	System	2 x cooling fans
Environmental Parameters	Temperature	0°C~45°C/ -20°C~70°C
	Humidity	5 ~ 90% non condensing / 5 ~ 95%, non condensing
System Dimensions	(WxHxD)	428x44x321mm
	Weight	4.5 kg
Package Dimensions	(WxHxD)	510x130x440mm
	Weight	5.2 kg
Power	Type/Watts	220W single ATX PSU 300W redundant ATX PSU(Optional)
	Input	90~264V@47~63Hz
	Approvals and Compliance	CE, FCC Class B

Compatible NIMs

Slim Module	Port	Chipset	BYPASS
NIC-0003-2WF	2 x 10GbE SFP	Intel 82599ES	N/A
NIC-0003-4C	4 x GbE RJ45	Intel i350-AM4	N/A
NIC-0003-4F	4 x GbE SFP	Intel i350-AM4	N/A
NIC-0003-4WF	4 x 10 GbE SFP+	Intel XL710	N/A

Ordering Information

Part number	PCH	DDR4	RJ45	SFP	Bypass	Console	USB 3.0	2.5" HDD	3.5" HDD	PCIe	Power
FW-B158-1N80S	B150	2	8 x Intel i211	-	-	1	2	2	N/A	1 x PCIe X8	220W single ATX
FW-B158-1N80D	B150	2	6 x Intel i211	2	-	1	2	2	N/A	1 x PCIe X8	300W Redundant
FW-B158-1N62S	B150	2	8 x Intel i211	-	-	1	2	2	N/A	1 x PCIe X8	220W single ATX
FW-B158-1N62D	B150	2	6 x Intel i211	2	-	1	2	2	N/A	1 x PCIe X8	300W Redundant



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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
5	Power cord 3P 180cm, India

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