

FWA8800

1U Rackmount Network Appliance

Performance 1U Rackmount Network Appliance with AMD EPYC™ Embedded 3000 Series & up to 17 GbE Ports



Features

- AMD EPYC™ Embedded 3000 Series processor
- 4x DDR4 DIMMs; Max. 64GB UDIMM (ECC or non-ECC) or 128GB RDIMM
- 2x NIC module slots, Max. 16 GbE Ports
- Optional 2x hot-swappable 2.5" drive bay
- Optional IPMI 2.0 module
- 1x M.2 slot



Backplane Systems Technology

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Specifications

CPU	AMD EPYC™ Embedded 3000 series processor
Chipset	N/A
Memory	4x DDR4 DIMMs up to 2666MHz; Max. 64GB UDIMM (ECC or non-ECC) or 128GB RDIMM
Display	1x VGA (via optional IPMI module) 1x LCM 2x16 character with 4 keypads
Ethernet	On board: 1x Intel® I210-AT GbE NIC module slots: 2x IBN cards, Max. 16 GbE
Bypass	Depend on IBN modules SKU
Expansion	1x PCI-E x8 slot on rear panel 1x M.2 slot (M-key with PCIe x4 & SATA signal)
IPMI	Optional module, compatible with IPMI 2.0
Storage	2x 2.5" or 1x 3.5" SATA drive bay
TPM	TPM 2.0
I/O	1x LCM 3x LED (Power/ HDD/ Status) 1x Factory default button (GPIO) 1x RJ45 console 2x USB 2.0 1x MGMT (Share with IPMI NC-SI port)
Power Supply	Full range 250W ATX power supply or 300W 1+1 Redundant power supply
Dimensions	438 mm (W) x 500 mm (D) x 44 mm (H) 17.24"(W) x 19.68"(D) x 1.73"(H)
Weight	12kg (26.4 lbs)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Operating Humidity	5% ~ 90%
Certification	CE/FCC

Ordering Information

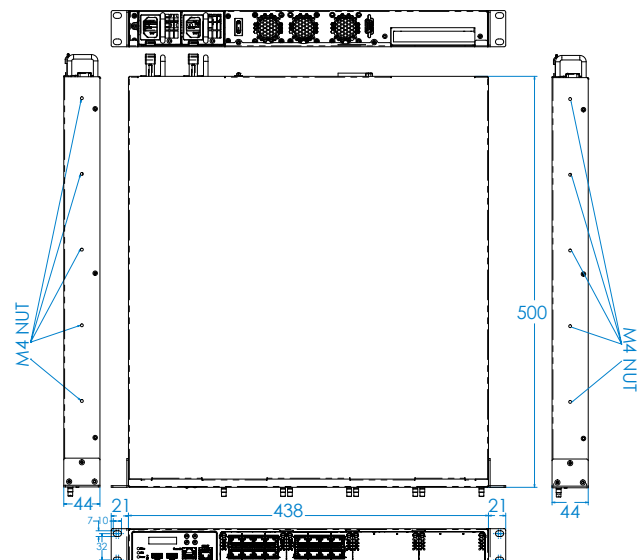
FWA8800-E8	1U Rackmount Appliance, MBN806 AMD EPYC™ Embedded 3201 8C/8T SoC, 4x DDR4 DIMMs, Max. 17 GbE Ports, 250W PSU, CPU Cooler, optional IPMI, 1x PCI-E x8 slot, Barebone without RAM/HDD/Drive Bay Kit/IBN Card*
FWA8800-E8R	1U Rackmount Appliance, MBN806 AMD EPYC™ Embedded 3201 8C/8T SoC, 4x DDR4 DIMMs, Max. 17 GbE Ports, 300W RPSU, CPU Cooler, optional IPMI, 1x PCI-E x8 slot, Barebone without RAM/HDD/Drive Bay Kit/IBN Card*

* For a complete system, IBN modules & some components must be ordered.

Accessories

PK1-51	Console cable, 160cm
VGA21A	VGA cable, 40cm
IDN100	IPMI 2.0 module with Ibase proprietary DDR4 SO-DIMM golden finger

Dimensions



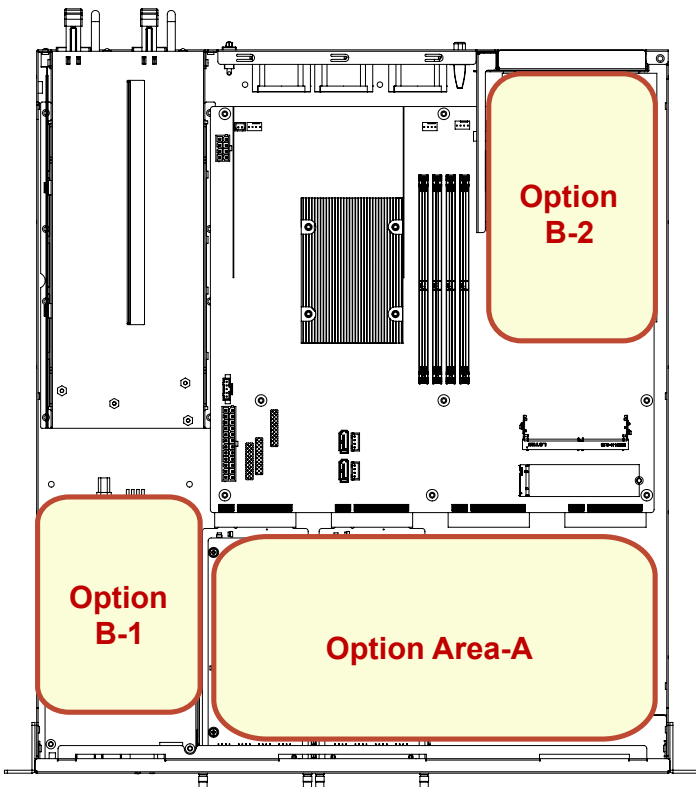
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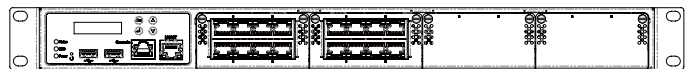
Optional Component BOM

Component BOM		
Option-A	Option-B	Model Kit
FWA8800-NIC: 2x NIC slots	None	FWA8800 KIT1
	Expansion slot (Option B-2 only)	FWA8800 KIT2
	2x 2.5" drive bays + Expansion slot (Option B-1 + B-2)	FWA8800 KIT3
	1x 3.5" drive bay + Expansion slot (Option B-1 + B-2) (for Single PSU only)	FWA8800 KIT4
FWA8800-SHD: 2x NIC slots + 2x swappable 2.5" drive bay	None	FWA8800 KIT5
	Expansion slot (Option B-2 only)	FWA8800 KIT6



Front I/O

FWA8800-NIC



FWA8800-SHD

