

FWA-4000

2U Rackmount Platform based on ZhaoXin ZX-C C4711 Processor



Features

- Support Zhaoxin ZX-C+ C4711 processor
- ZX-100S Chipset
- Four DDR3 UDIMM 1333/1600 , up to 64GB
- Four GbE LAN ports with 2 segments LAN bypass
- Four GbE SFP ports
- One NMC slot (Network Mezzanine Card) for a wide range of GbE and 10GbE NMCs with or without LAN bypass
- One PCIe x8 Slot on rear, support 2 x FH/HL add-on cards with PCIe x1 Gen2 bandwidth
- One CFast slot
- 2 x 3.5" SATA HDD bay and 1 x 2.5" SATA HDD bay (optional)

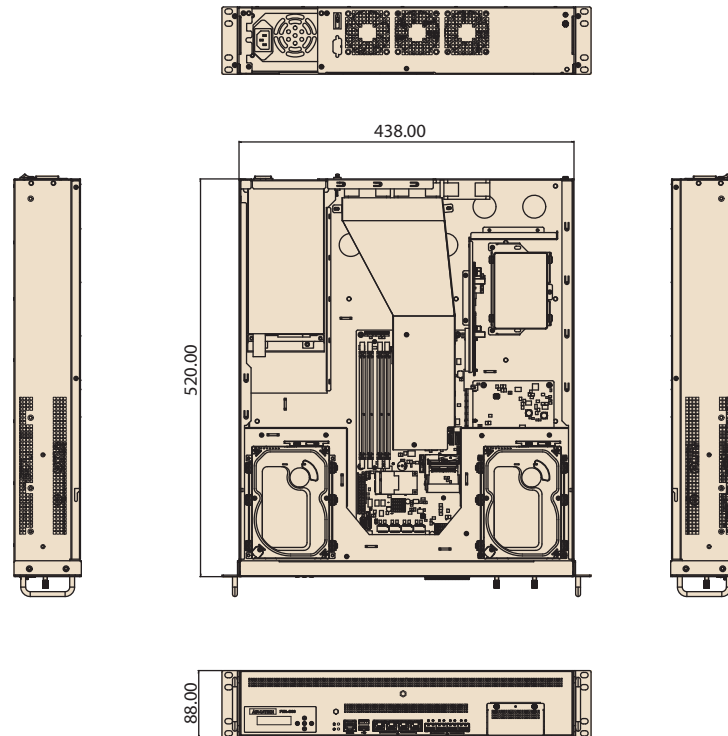


Specifications

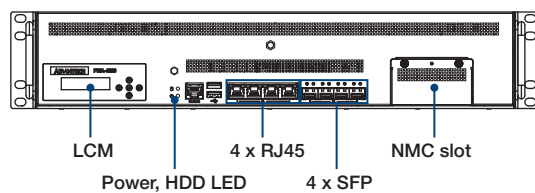
Processor System	CPU	Zhaoxin ZX-C+ Processor C4711
	Core number	4C
	Max. Speed	2.0 GHz
	L2 Cache	2MB
	BIOS	AMI 8 Mbit SPI
Chipset	Chipset	Zhaoxin ZX-100S
Memory	Technology	Dual channel with 4 x DDR3 UDIMM 1333/1600MHz
	Socket	4 x 288 pin UDIMM
	Capacity	Up to 64 GB
	ECC Support	Non-ECC
Networking	Controller	2 x Intel I350-AM4
	GbE	4 x 10/100/1000 Mbps RJ45 via Intel i350-AM4 4 x SFP via Intel i350-AM4
	LAN Bypass	2 x pairs of LAN Bypass
Expansion	NMC slot	1 x NMC slot, with Gen3 PCIe x8
	PCIe x8 slot	1 x PCIe x8 slot, support 2 x FH/HL PCIe card with PCIe x1 Gen2 Bandwidth
Storage	CFast Slot	1
	HDD/SSD	2 x 3.5" HDD bay , 1 x 2.5" HDD bay optional
I/O	Console port	1
	USB2.0	2
	LED Indicator	1 x Power LED (Green), 1 x HDD LED (Amber)
	Power button	1
LCD Module		16 x 2 graphic display, 5 buttons
Power	Power Type	AC Redundant DC Redundant (Optional)
	Watts	300W
	Input	100 V ~ 240 V
	Connector	AC 3pin plug
Environment	Operating Temperature (air flow 0.7 m/sec)	0 ~ 40 °C (32 ~ 104 °F)
	Non-operating Temperature	-40 ~ 60 °C (-40 ~ 140 °F) 5 ~ 95%
	Vibration Resistance	with SATA HDD: 0.5 Grms, IEC 60068-2-64, 5-500Hz, 1hr/axis
	Shock Protection	with SATA HDD: 10G, 11ms, IEC-60068-2-27, X,-X Y,-Y Z,-Z axis, 3times per axis
	Construction	Iron
Mechanical	Mounting	2U Rackmount
	Dimensions (W x H x D)	438 x 88 x 520 mm (17.2" x 3.4" x 20.5")
	Weight	15kg (lbs)
	OS Support	Linux (CentOS, Red Hat.)
Certification		CCC

Dimensions

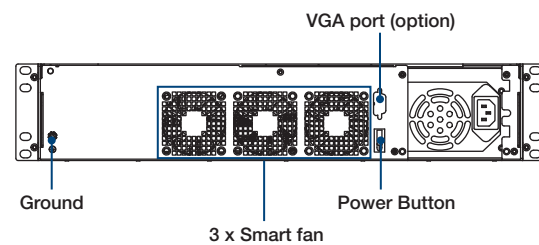
Unit: mm



Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



Ordering Information

Part Number	Processor	Chipset	DDR3 slot	USB 2.0	RJ45 Port	SFP port	Console	3.5 HDD	2.5 HDD	NMC	Power
FWA-4000-4C00E	ZX-C+ C4711	ZX-100S	4	2	4	4	1	2	Optional	1	AC 300W Redundant

Packing List

Part Number	Description
1700020691-01	Console cable D-sub 9-pin 2 m
1700020513-11	SATA Data cable 20cm
1700022749-11	SATA Power cable 10cm
1700021732-11	VGA cable 45cm

Accessories

Part Number	Description
1700009652	3P 180 cm, China