

FWA-6520L

Intel® Xeon® E5-2600/E5-1600 v3/v4 Processor-based 2U Network Application Platform



Features

- 1 x Intel Xeon E5-2600/E5-1600 v3/v4 processors up to 145W TDP
- 8 x RDIMM DDR4 2133/2400 ECC REG memory up to 256GB
- 4 x NMC (Network Mezzanine Card) slots by PCIe gen. 3 support
- 1GbE/10GbE/40GbE NMCs with or without advanced LAN bypass
- 1 x PCIe x8 slots support FH/HL add-on cards
- 1 x CF slot
- 1 x mSATA Slot
- 4 x 3.5" HDD tray (or 4 x 3.5" HDD internal bay, SKU option)
- IPMI 2.0 compliant Remote Management

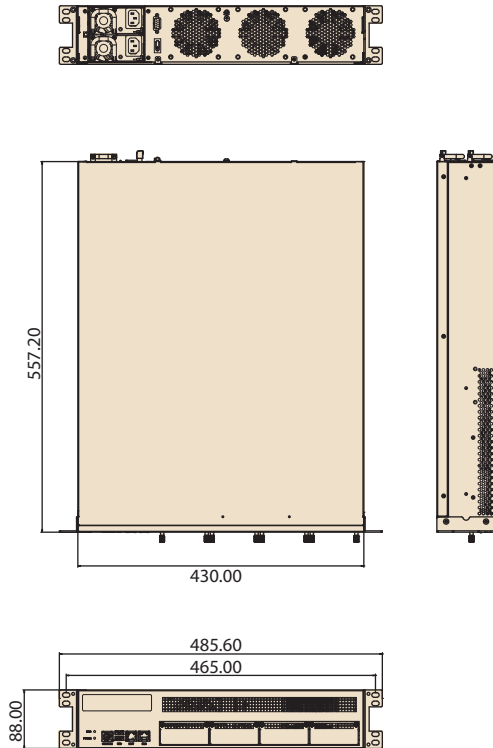


Specifications

Form factor		2U Rack Mount
Processor System	Processor	1 Intel Xeon E5-2600/E5-1600 v3/v4
	Core Number	4C/6C/8C/10C/12C/14C/16C/18C/20C/22C
	Frequency	1.6~3.7GHz
	L2 Cache	10MB~55B
	Chipset	Intel C612
Memory	BIOS	AMI EFI 128 Mbit
	Technology	DDR4 2133/2400MHz
	Max. Capacity	256GB (8 x 32GB)
	Socket	24 x 288pin RDIMM
Networking	ECC Support	Yes
	Controller	2 x Intel i210-AT
	1GbE	2 x 10/100/1000 Mbps RJ45
	LAN Bypass	LAN Bypass supported by NMC
Expansion	NMC Slot	4 x NMC Slots
	PCIe x 8 slot	1 x low profile PCIe x 8 Gen3 slot
Storage	CF slot	1 x CF slot
	mSATA slot	1 x mSATA slot (Half Size or Full Size)
	3.5" HDD	4 x 3.5" HDD bay (HDD tray SKU option)
I/O	USB	2 x USB2.0
	Serial	1 x Console ports (RJ45 connector)
	Power LED	1 (Green on indicates power on)
	HDD LED	1 (Amber blink indicates HDD Read/Write)
	Pin Header	GPIO , Reset, COM and VGA
Power	Power Type	AC, Redundant DC, Redundant (optional)
	Watts	500W
	Input	100~240 VAC, auto range
Environment	Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)
	Operating Temperature	-40 ~ 60 °C (-40 ~ 140 °F) and 40 °C @ 95% RH Non-Condensing
Mechanical	Construction	Iron
	Mounting	2u Rackmount
	Dimensions (W x H x D)	430 x 550 x 88 mm (W x L x H), 17" x 21.5" x 3.5"
	Weight	20kg
OS Support		Linux (CentOS, Red Hat, Ubuntu, etc.)
IPMI		Carrier Grade BMC, IPMI v2.0 compliant, with web interface, iKVM on request
Certification		CCC

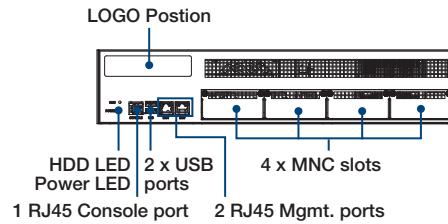
Dimensions

Unit: mm



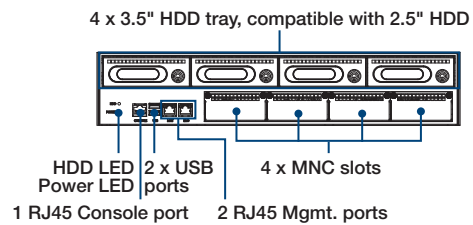
Front (SKU1)

Front Panel External I/O Mechanical Layout/Drawing

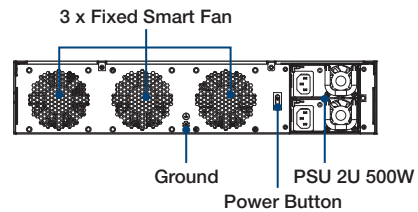


Front (SKU2)

Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



Ordering Information

Part Number	Processor	DIMM Qty	PCH	NMC slot	HDD tray	RJ45 LAN Port	Console port	USB port	PSU
FWA-6520L-00E	Intel Xeon processors E5-2600/E5-1600 v3/v4	8	Intel C612	4	NA(4 x 3.5" HDD bracket internal)	2	1	2	500W AC
FWA-6520L-01E	Intel Xeon processors E5-2600/E5-1600 v3/v4	8	Intel C612	4	4 x 3.5" HDD tray	2	1	2	500W AC

Packing List

Part Number	Description
1700019367-11	VGA port cable 45mm
1700020691-01	Console cable D-SUB 9P(F)/RJ45 220cm

Optional Accessories

Part Number	Description
1702002600	Power cord 3P 180cm, USA
1702002605	Power cord 3P 180cm, Europe
1702031801	Power cord 3P 180cm, UK
1700000237	Power cord 3P 180cm, JP
1700009652	Power cord 3P 180cm, China
9680015345	Slide rail