

FWA-2011

1U Rackmount Network Appliance with Intel® Atom™ X5-E3940 Processor and 6 GbE ports

NEW



Features

- Supports Intel® E3940 processor
- Two DDR3L 1333/1600/1867MHz, up to 16GB
- Six GbE LAN ports with 2 segments LAN bypass
- One mSATA Slot
- Supports one fixed 3.5" SATA HDD bay
- One NMC slot for 4ports Ethernet card expansion
- One Mini-PCIE slot

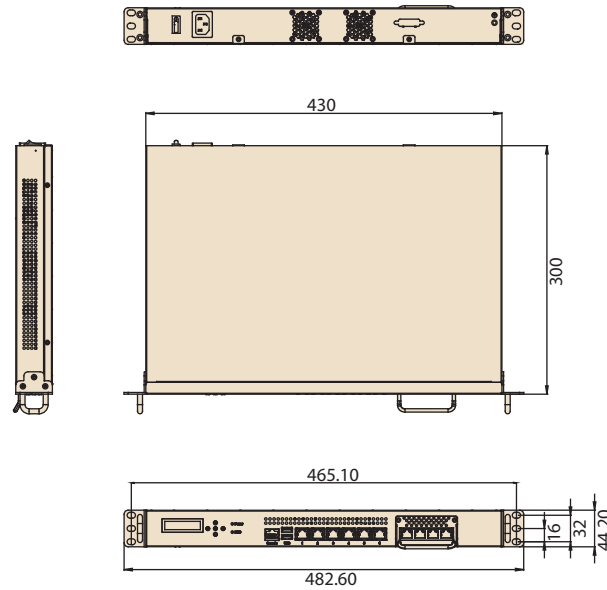


Specifications

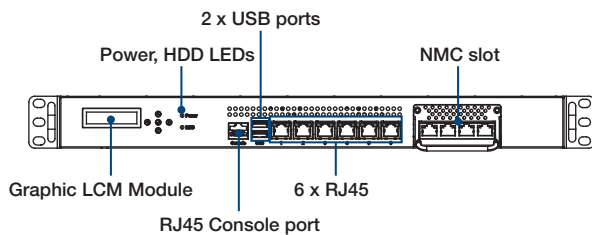
Processor System	CPU	Intel® E3940
	Core number	4C
	Max. Speed	1.6 GHz
	L2 Cache	2MB
	BIOS	AMI 16 Mbit SPI
Memory	Technology	2 x DDR3L 1333/1600/1867MHz
	Socket	2 x 204-pin SODIMM
	Capacity	16 GB
	ECC Support	Non-ECC
Networking	Controller	6 x Intel® i210-AT
	1GbE	6 x 10/100/1000 Mbps RJ45 via Intel® i210-AT
	Legacy LAN bypass	2 x pair of LAN Bypass
	PCIe x 4	1 x FH/HL gen2 x4 slot
Expansion	NMC	1 x NMC
Storage	2.5" HDD/SSD	1 x 3.5" or 2.5" HDD
	mSATA SSD	1 x mSATA Slot
I/O	Console port	1
	USB3.0	2
	LED Indicator	1x Power, HDD LED
	Others	1 x power button
LCD Module		16 x 2 graphic display, 5 buttons
Power	Power Type	AC
	Watts	60W
	Input	100 V ~ 240 V
	Connector	AC 4pin plug
	Power Adaptor	AC, Openframe
Environment	Operating Temperature (air flow 0.7 m/sec)	0 ~ 40 °C (32 ~ 104 °F)
	Non-operating Temperature	-40 ~ 60° C (-40 ~ 140° F)
	Humidity	95% @ 40° C (non-condensing)
	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, Y, X-X, -Y-Z axis, 3times per axis
Mechanical	Construction	Iron
	Mounting	1U Rackmount
	Dimensions (W x H x D)	430 x 44 x 300 mm (16.7" x 1.7" x 11.8")
	Weight	5.4 kg (11.9 lbs)
OS Support		Linux (CentOS, Red Hat,) Windows* 10
Advantech S/W Packages		QuickStart Linux Image (CentOS based reference BSP) including Afru Advanced LAN Bypass Utility Intel DPDK
Certification		CCC/CE/FCC/CB/UL

Dimensions

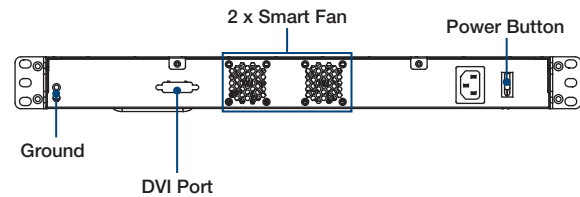
Unit: mm



Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



Ordering Information

Part Number	Processor	DDR3L	USB 3.0	LAN Port	Console port	NMC Slot	LCM	mSATA	PSU
FWA-2011-4C00E	Intel Apollo lake E3940	2	2	6 copper	1	1	1	1	Open Frame 60W
FWA-2011-4C01E	Intel Apollo lake E3940	2	2	4copper+2SFP	1	0	0	1	Open Frame 60W

Packing List

Part Number	Description
1700018971	SATA Data cable 15cm
1700020691-01	Console cable D-sub 9-pin 2 m
1960063246N002	Rack mount Ear bracket

Optional Accessories

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