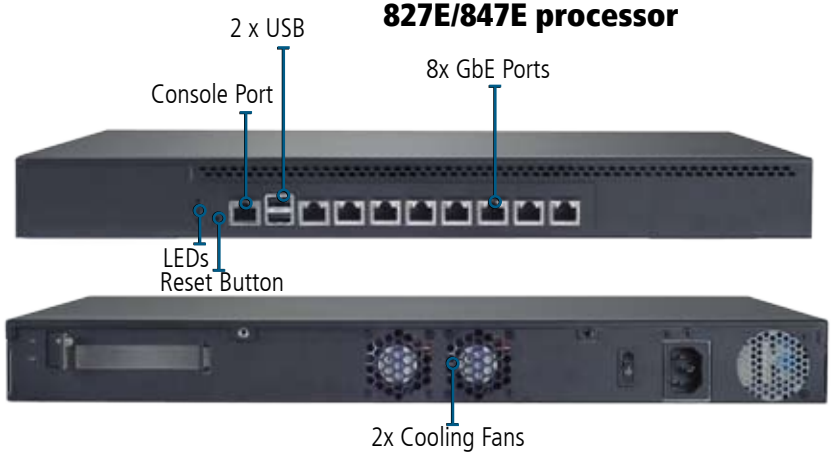
FW-7610

1U Cost Effective Network Platform with Intel® Celeron 827E/847E processor



Features

Intel® Sandy Bridge Processor

The Intel® Celeron processor is capable of delivering 64-bit computing when combined with supporting software. Using Intel® 64 architecture, this processor will improve performance by allowing systems to address more than 16 GB of both virtual and physical memory. Its low power feature will reduce power consumption, making this processor suitable for SMB or enterprise application.

Mobile Intel® HM65 Chipset

Designed for scalability and cost optimization, the Mobile Intel® HM65 Express Chipset enables 1 DIMM per channel of DDR3 1333 MHz and a balanced platform for everyday computing needs.

ECC Memory Support

The FW-7610 supports Error-Correcting Code (ECC) memory technology, a server-grade memory technology that can identify and correct memory corruption automatically. With ECC, system performance is more secure and stable.

Lanner Generation 2 Bypass

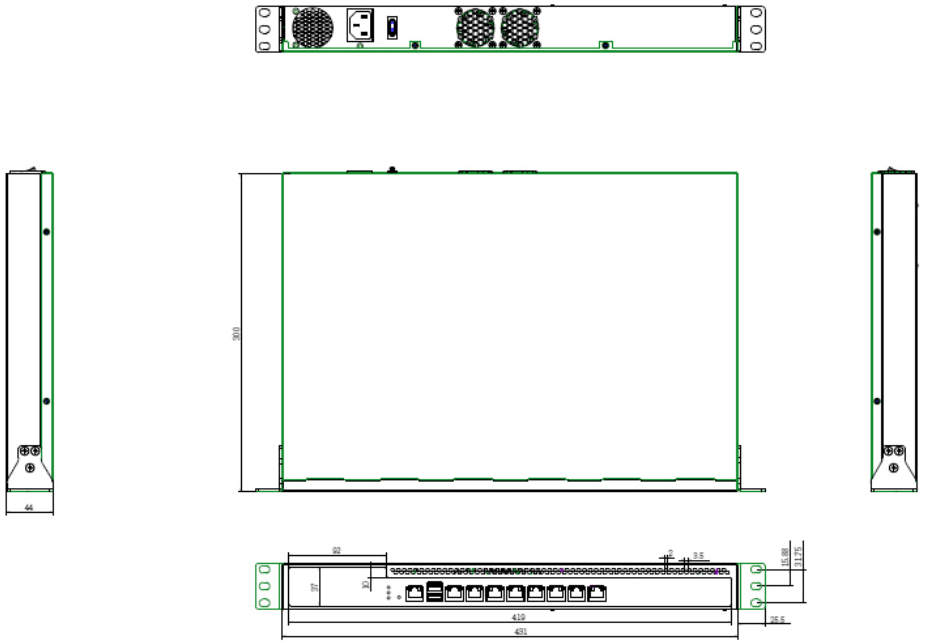
Generation 2 bypass has all the functionality of regular bypass, but additionally gives users more control of when the bypass feature is used.

Watchdog

The embedded watchdog monitors the system so that it can automatically trigger a reset if software hangs—an essential feature of a network appliance.



Dimensions: 431 x 44 x 305 mm



Specifications

Form Factor		1U Rackmount
Platform	Processor Options	Intel Celeron 827E,Single core, 1.4GHz(SKU A&B) Intel Celeron 847E, Dual Core, 1.1GHz(SKU C)
	Chipset	Intel HM65
BIOS		AMI BIOS 32Mb SPI Flash ROM
System Memory	Technology	2-Channel DDR3 1066/1333MHz with ECC
	Max. Capacity	16GB
	Socket	2 x 240P ECC DIMM
OS Support		Windows 2000, 2003, XP, 7. Linux
Storage	HDD Bays	2 x 2.5" or 1 x 3.5"
	CompactFlash	1 x Type II CompactFlash
Networking	Ethernet Ports	8 x GbE RJ45
	Bypass	2 Pairs G2 (SKU A&C)
	Controllers	8 x Intel 82574L
	Ethernet Modules	N/A
	Management Port	N/A
	Security Acceleration	N/A
I/O Interface	Reset Button	1 x reset button Software reset by default
	Console	1 x RJ45
	USB	2 x USB 2.0
	IPMI via OPMA slot	N/A
Expansion	PCIe	N/A
	PCI	N/A
Cooling	Processor	Passive CPU heatsink
	System	2 x cooling fans
Environmental Parameters	Temperature, ambient operating / storage	0 ~ 40° C / -20~70° C
	Humidity (RH), ambient operating / ambient non-operating	5~95%, non-condensing
Miscellaneous	LCD Module	N/A
	Watchdog	Yes
	Internal RTC with Li Battery	Yes
Physical Dimensions	Dimensions (WxHxD)	431 x 44 x 305 mm
	Weight	4.5 kg
Power	Type / Watts	1U ATX SPS / 150W
	Input	AC 100~240V @50~60 Hz
Approvals and Compliance		CE emission, FCC Class A, RoHS

Ordering Information

FW-7610A	MB-7610A + FC-7610 + 150W PSU, Supports 2 pairs By-pass, Intel Celeron 827E CPU, RAM up to 16G
FW-7610B	MB-7610A + FC-7610 + 150W PSU, without Bypass, Intel Celeron 827E CPU, RAM up to 16G
FW-7610C	MB-7610A + FC-7610 + 150W PSU, Support 2 pair Bypass, Intel Celeron 847E CPU, RAM up to 16G

Optional Power Cords

080W240318301	Power Cord(UK 3P/3P) RoHS UK 3P/3P L=183CM(YP-61+YC-12)
080W240318304	Power Cord(AU 3P/3P) RoHS AU 3P/3P L=183CM(YP-35+YC-12)
080W240318305	Power Cord(EU 3P/2P) RoHS EU 3P/2P L=183CM(YP-22+YC-12)
080W240318306	Power Cord(US 3P/3P) RoHS US 3P/3P L=183CM(YP-12+YC-12)
080W240318307	Power Cord(CN 3P/3P) RoHS CN 3P/3P L=183CM(YP-03+YC-12)
080W240318310	Power Cord(IND 3P/3P) RoHS 3P 183CM(YP-81+YC-12) IND YUNGLI

Optional Accessories

080W120902001	**Console Cable**	RoHS D-Sub 9P male flat cable to IDC 2.54 2x5P female type L=23CM HO-BASE
080W1K1202301	**VGA Cable**	Green Internal VGA CABLE 2.54mm 12P TO 15P 23CM (Including EMI Core) HO-BASE
080W2B0801501	**K/M Cable**	RoHS 8P/6P KB/Mouse Pitch=2.54 CABLE L=150mm