FW-7541

Compact Desktop Network Appliance with Dual Core Intel ATOM D525 CPU and Six GbE Network

RJ45 COM Port   2 x USB   6 x GbE Ports Optional bypass

Screw Locked Power Input
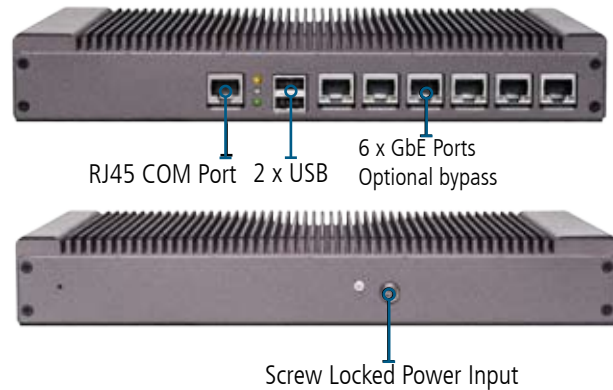
Features

Envrionmentally Friendly and Cost Effective

The FW-7541 is built entirely with RoHS compliant parts and production processes. An embedded ultra-low voltage ATOM 1.8GHz CPU delivers power-efficient processing while the Intel ICH8M system logic provides PCI-E bus network bandwidth.

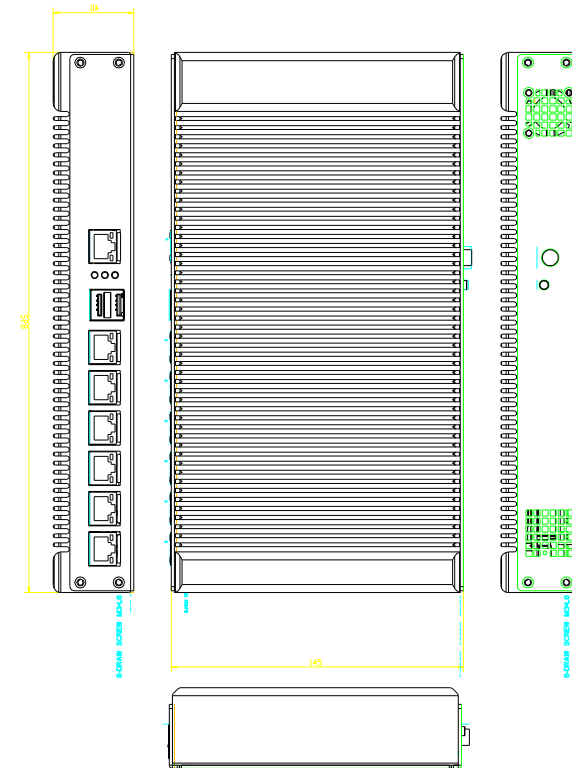### Expansive I/O interface and Internal Storage

The FW-7541 includes an internal 2.5" HDD, CF Socket, USB 2.0 ports, Mini-PCIe and console connection options; it also comes with six integrated GbE ports with optional bypass and can be easily deployed in front-line security

applications where reliability and availability are of key concern.

Fanless Platform with Reduced Power Consumption

Measuring only 40 mm in height, the FW-7541 can be deployed virtually anywhere. Its space-saving design offers flexibility and cost savings while maintaining the high throughput and availability required for network security, acceleration and other network applications. Also the corrugated aluminum casing allow heat to dissipate off the top of the platform allowing for a fanless design.

Dimensions: 268 x 40 x 145 mm

Specifications

Form Factor		Desktop
Platform	Processor Options	Intel Atom D525 Dual Core onboard
	Chipset	Intel ICH8M
BIOS		AMI BIOS 16Mbit SPI Flash ROM
System Memory	Technology	DDR3 667/800 MHz
	Max. Capacity	4GB
	Socket	1 x 204P SO-DIMM
OS Support		Windows 2000, 2003, XP, 7, Linux kernel 2.4 and up, OpenBSD, FreeBSD
Storage	HDD Bays	1 x 2.5"
	CompactFlash	1 x Type II CompactFlash
Networking	Ethernet Ports	6 x GbE RJ45
	Bypass	1 pair G2
	Controllers	1 x Intel 82574L, 5 x Intel 82583V (SKU A/B/C/D) 6 x Intel 82574L (SKU E)
	Ethernet Modules	N/A
	Management Port	N/A
	Security Acceleration	N/A
I/O Interface	Console	1 x RJ45
	USB	2 x USB 2.0
	IPMI via OPMA slot	N/A
Expansion	PCIe	1 x Mini-PCIe (with USB signal only)
	PCI	N/A
Cooling	Processor	CPU Passive Heatsink
	System	Optional cooling Fan
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)	268 x 40 x 145 mm
	Weight	1.2 kg
Power	Type / Watts	12V/5A 60W Power Adapter
	Input	AC 100~240V @50~60 Hz
Approvals and Compliance		CE emission, FCC Class A, RoHS, UL

Ordering Information

FW-7541A	Intel Atom D525 CPU 1.8GHz; with 1 x SO-DIMM slots, 1 pair Gen2 bypass, desktop with active system fan
FW-7541B	Intel Atom D525 CPU 1.8GHz; with 1 x SO-DIMM slot, without bypass, desktop with active system fan
FW-7541C	Intel Atom D525 CPU 1.8GHz; with 1 x SO-DIMM slots, 1 pair Gen2 bypass, desktop with fanless design
FW-7541D	Intel Atom D525 CPU 1.8GHz; with 1 x SO-DIMM slots, without bypass, desktop with fanless design
FW-7541E	Intel Atom D525 CPU 1.8GHz; with 1 x SO-DIMM slots, 1 pair Gen2 bypass, desktop with active system fan

Standard Accessories

080W250918010	Console Cable
080W2E0818006	LAN Cable
0P0W060122002	Power Adapter
080W1N0002001	SATA Cable
087W0203V1001	FW-7541 CD

Optional Power Cords

080W240318301	Power Cord (UK 3P/3P)
080W240318304	Power Cord (AU 3P/3P)
080W240318305	Power Cord (EU 3P/2P)
080W240318306	Power Cord (US 3P/3P)
080W240318307	Power Cord (CN 3P/3P)
080W240318310	Power Cord (IND 3P/3P)

Optional Mounting Brackets

PN9NSFG71Z10A	Rack Mount Kit for FW-7535/7541
080W1K1501501	Internal VGA Cable
080W2B0801501	Keyboard/Mouse Cable
080W150902001	DB9 COM Cable

Specifications are subject to change without notice