FW-7525

Fanless Desktop x86 Network Platform with Intel® Atom™ C2000 Series "Rangeley" Processor



Features

- Intel Atom C2358/2518/2558 CPU
- Built-in Intel QuickAssist Crypto Acceleration
- Fanless Design
- 4 or 6 x GbE RJ-45 LAN ports
- Intel AES-NI new instructions
- Support up to 8 GB DDR3 Memory
- Intel i210AT LAN Controller
- Support Gen.2 LAN Bypass
- Optional Rack Mounting Kit Support

Specifications

Processor System	
CPU	2/4-core Intel® Atom™ processor C2358/C2518/C2558 (Codenamed "Rangeley")
Frequency	Depending on CPU
Core Number	C2358: 2 cores,C2518/2558: 4 cores
BIOS	AMI SPI Flash BIOS
Chipset	N/A
Memory	
Technology	DDR3 1333/1600 MHz, UDIMM
Max. Capacity	8 GB
Socket	1 x 204-pin SODIMM
Ethernet	
Controller	4 x GbE RJ45 Intel® SoC Integrated i354 2 x GbE RJ45 Intel® i210 (By SKU)
Speed	10/100/1000 Mbps
Interface	RJ-45
Bypass	1 pair Gen.2 (FW-7525A/C/D)
Storage	
Type	SATA
Installation	1 x optional 2.5" drive bay (HDD/SSD is not included)
Type	CF card Type II
Installation	1 x CF card Type II
I/O	
Reset Button	1
Console	1 x RJ45
USB	2 x type A
IPMI	N/A
Management port	N/A

Expansion	
PCIe	1x Mini-PCIe (PCIe/USB2.0)
Antenna Hole	1 x Antenna Hole
Cooling	
Processor	Passive CPU heatsink
System	Fanless design with corrugated aluminum
Environment	
Operating Temperature	0 ~ 40°C
Storage Temperature	-20 ~ 70°C
Relative Humidity	5~90%, non-condensing / 5~95%, non-condensing
Miscellaneous	
LCD Module	N/A
Watchdog	Yes
Internal RTC with Li Battery	Yes
Mechanical	
Fanless	Yes
Dimension (W x H x D)	177 x 44 x 145.5 mm
Weight	1.2 kg
Mounting	Support optional rack mounting kit
Power	
Type / Watts	SKU A/B: 36W Power Adapter, SKU C/D: 60W Power Adapter
Input	100~240 V @50~60 Hz
Driver Support	
Microsoft Windows	N/A
Linux	Linux Kernel 2.6 or above
Certification	
EMC	CE Class B, FCC Class B, RoHS, UL

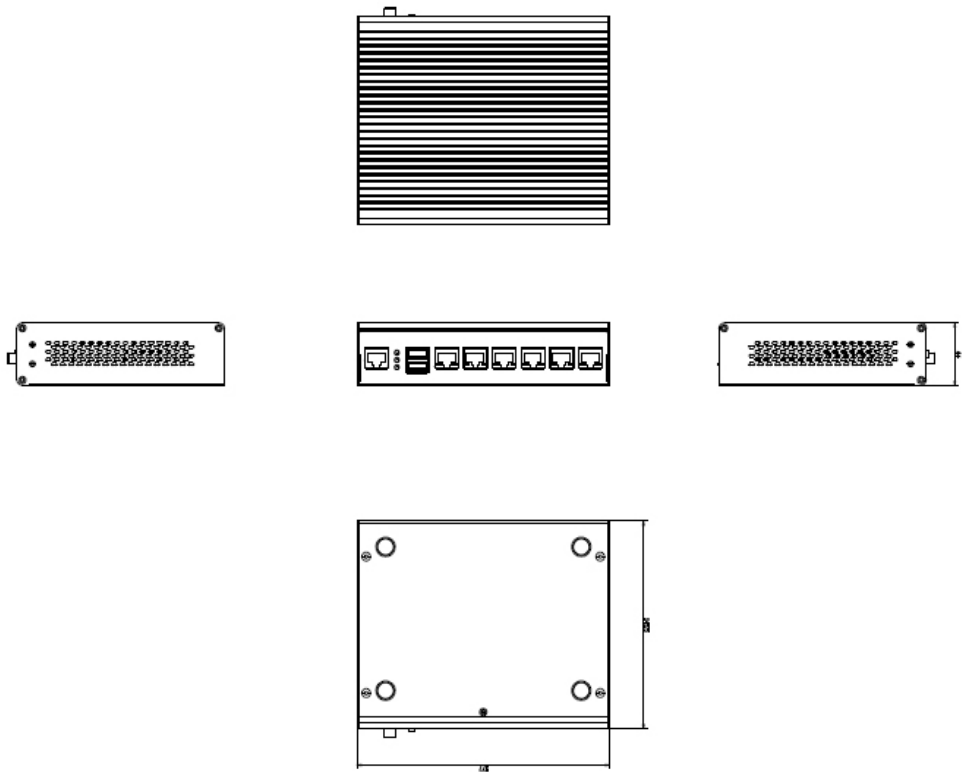
Product I/O View





- A On/Off switch
- B DC Jack with Lock
- C Antenna Hole
- D Console Port
- E Status LEDs
- F USB Ports x 2
- G GbE LAN Ports x 6
- H Reset Button

Dimensions 177 x 44 x 145.5 mm



Ordering Information

FW-7525A	Intel® C2358 2 Core with QA, 6x RJ45 GbE LAN Ports w/1 Pair of Bypass, TPM 1.2 Supported, 36W Adapter
FW-7525B	Intel® C2358 2 Core with QA, 4x RJ45 GbE LAN Ports, 36W Adapter
FW-7525C	Intel® C2518 4 Core with QA, 6x RJ45 GbE LAN Ports w/1 Pair of Bypass, TPM 1.2 Supported, 60W Adapter
FW-7525D	Intel® C2558 4 Core with QA, 6x RJ45 GbE LAN Ports w/1 Pair of Bypass, TPM 1.2 Supported, 60W Adapter

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