

Desktop 6 LAN Ports Network Appliance with Intel® Apollo Lake Processor SoC

Launching in Q2

Features

- Intel® Apollo Lake Processor SoC
- 204-pin Dual-channel DDR3L 1600MHz SODIMM x 2, Up to 16 GB
- 10/100/1000Base-TX x 6
- 2.5" HDD Bay x 1 for SATA 6.0 Gb/s (Optional SATA 6.0Gb/s x 2)
- CompactFlash™ Socket x 1
- Mini-Card Slot (with SIM Socket) x 1
- RJ-45 Console x 1, HDMI x 1, USB 3.0 x 2



Expansion/Internal Interface

PCIe slot	Optional Golden Finger x 1 (PCIe[X1] x 2)
Mini-PCIe slot	Mini-Card slot with SIM socket x 1 (full size) (Optional Mini-Card slot with SIM socket x 2)
Keyboard and Mouse	Reserve pin-header
Universal Serial Bus	USB 3.0 x 2, USB 2.0 internal 2x5 pin-header x 1 (Optional)

Miscellaneous

RTC	Internal RTC
Watchdog Timer	1~255 steps by software programmable
Software Button	GPIO Programmable push button x 1
TPM	Optional TPM v1.2/v2.0
GPIO	Reserve internal GPIO Pin header x 1
System Fan	Fanless
MTBF (Hours)	—
Color	Black

Environmental Parameters and Dimension

Power Requirement	12V DC power in connector/ 60W Power adapter x 1 4-pin DC power out connector for HDD x 1
Operation Temp.	32°F ~ 104°F (0°C ~ 40°C)
Storage Temp.	-4°F ~ 140°F (-20°C ~ 60°C)
Operating Humidity	10%~80% relative humidity, non-condensing
Storage Humidity	10%~80% @40°C, non-condensing
Vibration	0.5 Grms/ 5 ~ 500Hz/ operation (2.5" Hard Disk Drive) 1.5 Grms/ 5 ~ 500Hz/ non-operation
Shock	10 G peak acceleration (11 m sec. duration), operation 20 G peak acceleration (11 m sec. duration), non-operation
Chassis Dimension (W x D x H)	8.27" x 4.09" x 1.73" (210mm x 104mm x 44mm)

I/O Interfaces

Front Panel	- Power LED x 1 - Status LED x 1 - HDD Active LED x 1 - LAN LED x 12
Rear Panel	- 12V DC Power Input x 1 - Power Button x 1 - USB 3.0 x 2 - RJ-45 LAN x 6 - RJ-45 Console x 1 - Software Programmable Button x 1 - HDMI x 1 (Optional)

Specifications

Platform	
Form Factor	Desktop 6-Port Network Appliance
Processor	Intel® Apollo Lake Processor SoC
Chipset	—
System Memory	204-pin DDR3L 1867MHz SODIMM x 2, up to 16GB
Network	
Ethernet	Intel® i211, Gigabit Ethernet x 6 (Optional Gigabit Ethernet x 8)
Bypass	—
Display	
Graphic Controller	—
Connector	HDMI x 1
Storage	
HDDs	Internal 2.5" SATA HDD Bay x 1 for SATA 6.0Gb/s x 1 (Optional SATA 6.0Gb/s x 2)
CF/CFast/mSATA	CF socket x 1

Dimension

Unit: mm

Launching in Q2

Ordering Information

- TBD

Packing List

- Power Adapter
- FWS-2270

Optional Accessories

- **1700091805**
Console Cable
- **1702031802**
Power Cord, 3P-250V/10A, 180D, 1.8M, USA, YP22/YP12
- **1702031803**
Power Cord, 3P-250V/10A, 180D, 1.8M, VDE, YP22/YP12
- **170203180B**
Power Cord, 3P-250V/10A, 180D, 1.8M, China, YP-03/YC-12
- **170203180E**
Power Cord, 3P-125V/7A, 1.8M, PSE, YP12/YC-12
- **9761220030**
Ear Bracket Kit