

WMK-8610

WMK-8610 | 2U Rackmount Network Appliance with Dual 2nd Gen Intel® Xeon® Scalable Processors



Front view



Rear view

Features

- 2U Rackmount Network Appliance
- Dual 2nd Gen Intel® Xeon® Scalable Processors
- Intel® C621 Chipset
- DDR4 2133/2400/2666 MHz RDIMM x 16, up to 512GB
- 1GbE RJ45 Intel® i210 x 2, NIM slot x 4 (Project based up to 8 slots)
- IPMI supported by AAEON Module
- External Hotswappable 3.5" HDD Bay x 4, Internal 3.5" HDD Bay x 1
- Mini-Card slot x 1, M.2 2260 M-key x 1
- RJ-45 Console x 1, USB 3.2 Gen 1 x 2
- 550W ~ 600W Redundant Power



Specifications

System

Form Factor	2U Rackmount Network Platform
Processor	Dual 2nd Gen Intel® Xeon® Scalable Processors, up to 56 cores, 112 threads
Memory	DDR4 2133/2400/2666 R-DIMM x 16 (8 DIMM per CPU), Up to 512 GB
Chipset	Intel® C621 Chipset
Ethernet	Intel® i210 Gigabit Ethernet x 2
Bypass	Depend on NIM module
NIM Slot	NIM x 4 (Project based up to 8 slots)
Graphics Controller	Optional support via Mini-PCIe module or IPMI
Connector	Optional VGA port via module
HDD	SATA III Port x 6 External Hotswappable 3.5" HDD Bay x 4 Internal 3.5" HDD Bay x 1, option with 2.5" HDD Bay x 2
CF/CFast/mSATA	M.2 2260 M-key x 1 mSATA slot x 1 (share same slot with Mini-Card)
PCIe Slot	Optional PCIe [x16] slots x 2, via riser card

Mini-Card	Mini Card slot (full-size) x 1 (PCIe/SATA, USB2.0)
IPMI	Optional IPMI via AAEON Module (Project based)
USB	USB 3.2 Gen1 x 2 (Optional 2*10 pin USB 3.2 Gen1 x 2 Box Header 2.0mm)
RTC	Internal RTC
Watchdog Timer	1~255 steps by software programmable
Software Button	GPIO programmable push button x 1
TPM	(Optional TPM2.0 9665 on board)
GPIO	(4 bits input, 4 bits output optional)
Color	Black

Mechanical/ Environmental

Power Requirement	550 ~ 600W Redundant Power
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Humidity	10%~80% @40°C; non-condensing
Operating Humidity	10%~80% relative humidity, non-condensing
Vibration	0.5 Grms/ 5 ~ 500Hz / operation (SATA DOM) 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
Dimensions	6.1" x 3.62" x 1.26" (155mm x 92mm x 32mm)

I/O	Power LED x 1 Status LED x 1 HDD Active LED x 1 USB 3.2 Gen 1 Ports x 2 RJ-45 Console x 1 Parallel LCM display and 4 keypad x 1 Software Programmable Button x1 RJ-45 LAN x 2 IPMI x 1 (Project based)
Front Panel	
Rear Panel	AC Power Input x 2, Power Switch x 1, VGA port (Optional), Rear Expansion Slot x 2 (PCIe [x16] Optional)

Ordering Information

Standard

PART NUMBER	FWS-8600-S2-A11-01
CPU	Intel® 8th Generation Core™/ Xeon® Processors
MEMORY	DDR4 UDIMM x 4 , Up to 128GB
BYPASS	-
MINI-CARD SLOT	Mini Card x 1
STORAGE	2.5" HDD Bay x 2 + mSATA slot x1
LAN	Intel® I350 AM2 Gigabit Ethernet x 2
USB	USB 3.2 Gen 1 x 2
NIM SLOT	3 (Note 1)
EXPANSION SLOT	1 (Note 2)
MOUNTING	1U Rackmount
POWER	ATX
FAN	2

Optional

M028500000	Slide x 2, Chassis Rail Kit
9761EMPV02	Mini-PCIe VGA module Kit.Full Size.Innodisk EMPV- 1201-C1.w/Packing

* Specifications and certifications may vary based on different requirements.

Packing List

1 x DC power adapter 12V/5A or
12V/7A 1 x Power cord- US

1 x SATA cable

Optional Accessories

Part Number	Description
1702031803	Power Cord for EU

1702031802	Power Cord for US
170203180E	Power Cord for Japan
PER-T488-A10-00	PER-T488.Riser Card.PCI[x16] slot x2.Rev.A1.0.for FWS-8600
NIM-S26C-A10-T40-0002	Intel® Fortville XL710 PCI-Express 10G SFP+ 4 Ports Module for FWS-7820/7830/7831
NIM-S26B-A10-F20-0002	Intel® Fortville XL710 PCI-Express 40G QSFP 2 Ports Module for FWS-7820/7830/7831
NIM-S13B-A10-G80-0002	Intel® 82580EB PCI-Express 1G SFP 8 Ports Module for FWS-7820/7830/7831
NIM-S13D-A10-G40-0002	Intel® 82580EB PCI-Express 1G SFP 4 Ports Module for FWS-7820/7821/7830/7831
NIM-C13B-A10-G82-0001	Intel® 82580EB PCI-Express 1G Copper Ethernet 8 Ports Module for FWS-7820 w/ 2 Pair bypass/7830/7831
NIM-C13D-A10-G42-0002	Intel® 82580EB PCI-Express 1G Copper Ethernet 4 Ports Module for FWS-7820 w/ 2 Pair bypass/7830/7831

Dimensions



