

# WMK-7539

WMK-7539 | 1U Rackmount Network Appliance with Intel® Xeon® D-1700 & D-1800 Processors



Front view



Rear View



## Features

- 1U Rackmount Network Appliance
- Intel® Xeon® D-1700 & D-1800 Processors
- SOC PCH
- DDR4 SODIMM x 2 (ECC)
- IPMI Support (Project base)
- Up to 10Gb SFP+ x 4 (see note 1)
- GbE RJ45 x 12
- NIM Slot support x 1 (see note 2)
- M.2 3052 B-Key x 1 for 4G/5G (USB 3.0 + PCIe) with SIM
- M.2 2230 E-Key x 1 (PCIe)
- TPM 2.0 SPI
- 2.5" SATA HDD x 2 (default)
- LCM with Keypad x 1
- RJ-45 Console Port x 1, USB 3.2 Gen 1 x 2
- 220W PSU



## Specifications

### System

Form Factor	1U Rackmount Platform Network Appliance
Processor	Intel® Xeon® D-1700 & D-1800 Processors
Chipset	SoC
Memory	DDR4 SODIMM x 2 (ECC)
BIOS	AMI SPI Flash BIOS
Storage	DDR4 SODIMM ECC x 2, up to 64GB
Mini-Card	M.2 2230 E-Key x 1 (PCIe)
I/O	1GbE RJ-45 x 12 (Intel® I350-AM4 x 3) + up to 10GbE SFP+ x 4 (SKU optional)
Front Panel	Power LED x 1 Status LED x 1 HDD Active LED x 1 USB 3.2 Gen 1 x 2 RJ-45 Console x 1 LCM display with Keypad x 1 Software Programmable Button x 1

Rear Panel	AC Power Input x 1 Power Switch x 1
TPM	TPM2.0 SPI
Other Features	LAN Bypass function through latch relay (one pair) for optional
Fan	System Fan x 1
GPIO	N/A, DIO pin header x 1 (4-in/4-out), optional by BOM SKU
Watchdog Timer	1~255 stepping by software programmable
Power Supply	DC
Color	Black
MTBF (hours)	TBD

#### Mechanical/ Environmental

Power Requirement	220W Power
Storage temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Vibration	0.5 g rms/ 5 ~ 500Hz / operation (2.5" HDD) 1.5 g rms/ 5 ~ 500Hz / non operation
Operating Temperature	10%~80% relative humidity, non-condensing
Humidity	10%~80% @40°C; non-condensing
Dimensions	16.93" x 7.87" x1.73" (430mm x 200mm x 44mm)

#### Ordering Information

CPU	Intel®Xeon® D-1713NT Processor	S
BYPASS	2 Pairs LAN Bypass 3.1	O
EXPANSION SLOT	M.2 2230 E-Key x 1 (PCIe) M.2 2230 E-Key x 1 (PCIe),M.2 3052 B-Key x 1 for 4G/5G (USB 3.0 + PCIe) with SIM	
STORAGE	2.5" HDD x 2	
LAN	1Gb RJ45 ports x 12, Up to 10Gb SFP+ x4	
USB	USB 3.2Gen 1 x 2	
CONSOLE	RJ-45 x 1	
SYSTEM FAN	1 x System Fan	
TPM	TPM 2.0 SPI	
MOUNTING	Rack	

#### 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
170203180B	Power Cord, For China, 1.8M
170203180E	Power Cord for Japan
9761783000	(TF)3.5x1 HDD Module, FWS-7830/7831
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



