

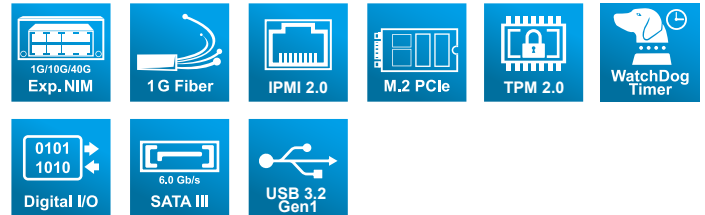
ANR-W480A

1U Rackmount Network server Intel® 10th Gen Comet Lake-S Xeon W, Core™ i9, i7, i5, i3, 2 Exp. NIMs



Features

- 4 x UDIMM DDR4
- 2 x Exp. NIM (1G/10G/40G, Fiber/Copper/LAN Bypass)
- 1 x Serial Console (RJ-45)
- 2 x 1G Fiber
- 9 x GbE Copper with 2-pairs LAN Bypass
- 2 x 2.5" SATA-III
- 1 x M.2
- Optional for ATX 300W or 1+1 Redundant PSU (300W)



Video

Video Interface VGA(Rear-Side)

Others

Battery Lithium Battery, 3V 220mAH (CR2032)

Hardware Monitoring CPU Volt.
CPU & SYS Temp.
FAN Speeds

Security TPM 2.0

Power Requirement

Power Unit BOM Optional For
1x ATX PSU(300W), 100-240V or
1+1 Redundant PSU(300W), 100-240V

Software

OS Support Linux kernel 5.2 and above

Mechanical & Environment

Dimensions 440(W) x 44(H) x 470(D)mm

Operating Temp. 0~ 40°C (32~104°F)

Storage Temp. -20~80°C (-4~176°F)

Relative Humidity 0 to 90% @40°C, non-condensing

Certifications CE, FCC Class A, RoHS 2,

Model Name

ANR-W480A1
 .1U Rackmount Network Server
 .Intel® 10th Gen Xeon W, Core™ i9/i7/i5/i3
 .2 x Exp. NIM (1G/10G/40G, Fiber/Copper/LAN Bypass)
 .9 x 1G GbE
 .2 x 1G Fiber
 .2 x 2.5" SATA-III
 .1 x M.2
 .1+1 Redundant PSU (300W) or ATX PSU (300W)

ANR-W480A2
 .1U Rackmount Network Server
 .Intel® 10th Gen Xeon W, Core™ i9/i7/i5/i3
 .1 x Exp. NIM(1G/10G/40G/Copper/Fiber/LAN Bypass)
 .1 x Exp. NIM(1G/10G/Copper/Fiber/LAN Bypass)
 .9 x 1G GbE
 .2 x 1G Fiber
 .2 x 2.5" SATA-III
 .1x PCIe x8 slot
 .1 x M.2
 .1+1 Redundant PSU (300W) or ATX PSU (300W)

Specification

System

CPU Intel® Xeon® W-1290E
Intel® Xeon® W-1270E
Intel® Comet Lake-S Core™ i9-10900E
Intel® Comet Lake-S Core™ i7-10700E
Intel® Comet Lake-S Core™ i5-10500E
Intel® Comet Lake-S Core™ i3-10100E

Chipset Intel® W480E PCH

Memory 4 x UDIMM DDR4

BIOS AMI

WatchDog Timer Software programmable 0~255 sec.

Ethernet

Ethernet port 9 x GbE Copper (RJ-45)
2 x 1G Fiber

LAN Bypass 2-Pair Bypass
-1st LAN bypass by LAN[1:2]
-2nd LAN bypass by LAN[3:4]

Storage

HDD Bay 2 x 2.5"/3.5" SATA-III

M.2 1 x M.2 B key Socket 2242 or 2280

I/O

Console port 1 x Serial Console (RJ-45)

USB port 2 x USB 3.2 Gen1.(Front-Side)

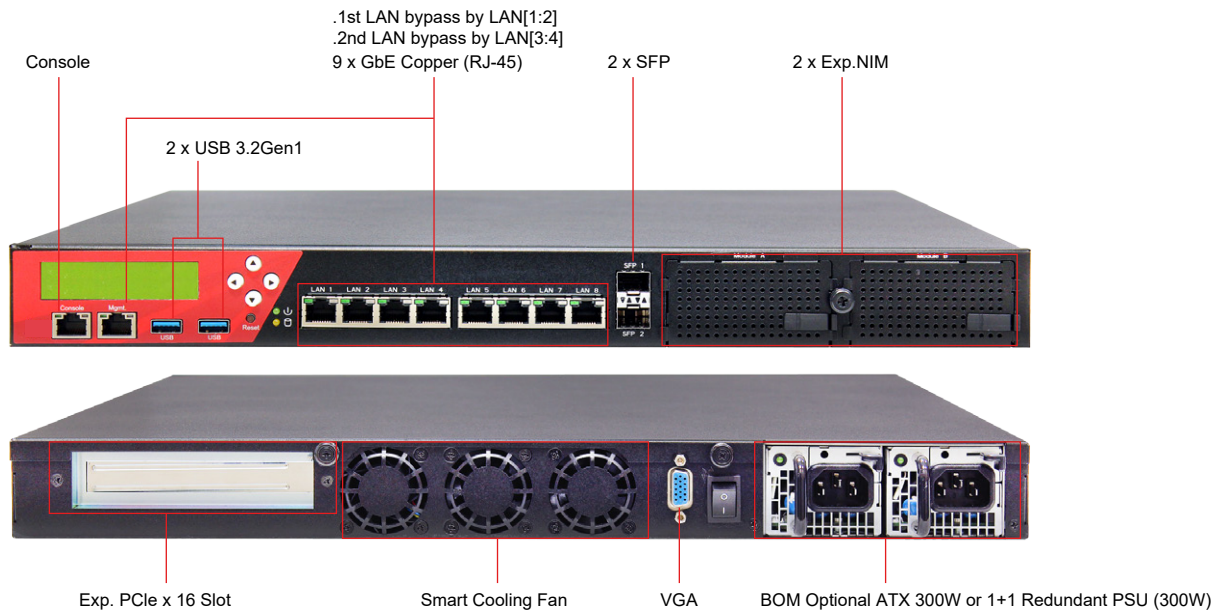
Expansion ANR-W480A1 :
2 x NIM module.(PCIe x 8)(for)
ANR-W480A2 :
2 x NIM module (PCIe x 8, PCIe x 4)
1 x PCIe x 8 slot

LCD Module 16 characters x 2 lines with 4-key button(optional)

GPIO 8-bit GPIO (4-In, 4-Out), on-board pin header

Exp. NIM 2 x Exp. NIM(1G/10G/40G, Fiber/Copper/
LAN Bypass)

I/O Connectors



Packing List

- ANR-W480A-system x 1
- SATA cable x 2
- RJ45 console cable (RJ45 <-> DB9) x 1
- Rack bracket x 1
- Box packing x 1
- Screw pack x 1

Ordering Information

ANR-W480A1	<ul style="list-style-type: none"> .1U Rackmount Network Server .Intel® 10th Gen Xeon W, Core™ i9/i7/i5/i3 .2 x Exp. NIM (1G/10G/40G, Fiber/Copper/LAN Bypass) .9 x 1G GbE .2 x 1G Fiber .2 x 2.5" SATA-III .1 x M.2 .1+1 Redundant PSU (300W) or ATX PSU (300W)
ANR-W480A2	<ul style="list-style-type: none"> .1U Rackmount Network Server .Intel® 10th Gen Xeon W, Core™ i9/i7/i5/i3 .1 x Exp. NIM (1G/10G/40G/Copper/Fiber/LAN Bypass) .1 x Exp. NIM (1G/10G/Copper/Fiber/LAN Bypass) .9 x 1G GbE .2 x 1G Fiber .2 x 2.5" SATA-III .1x PCIe x8 slot .1 x M.2 .1+1 Redundant PSU (300W) or ATX PSU (300W)