

ANR-W480A

1U Rackmount Network Server with
10th Gen Intel® Core™ i3/i5/i7/i9 & Xeon® W



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 (300 W)

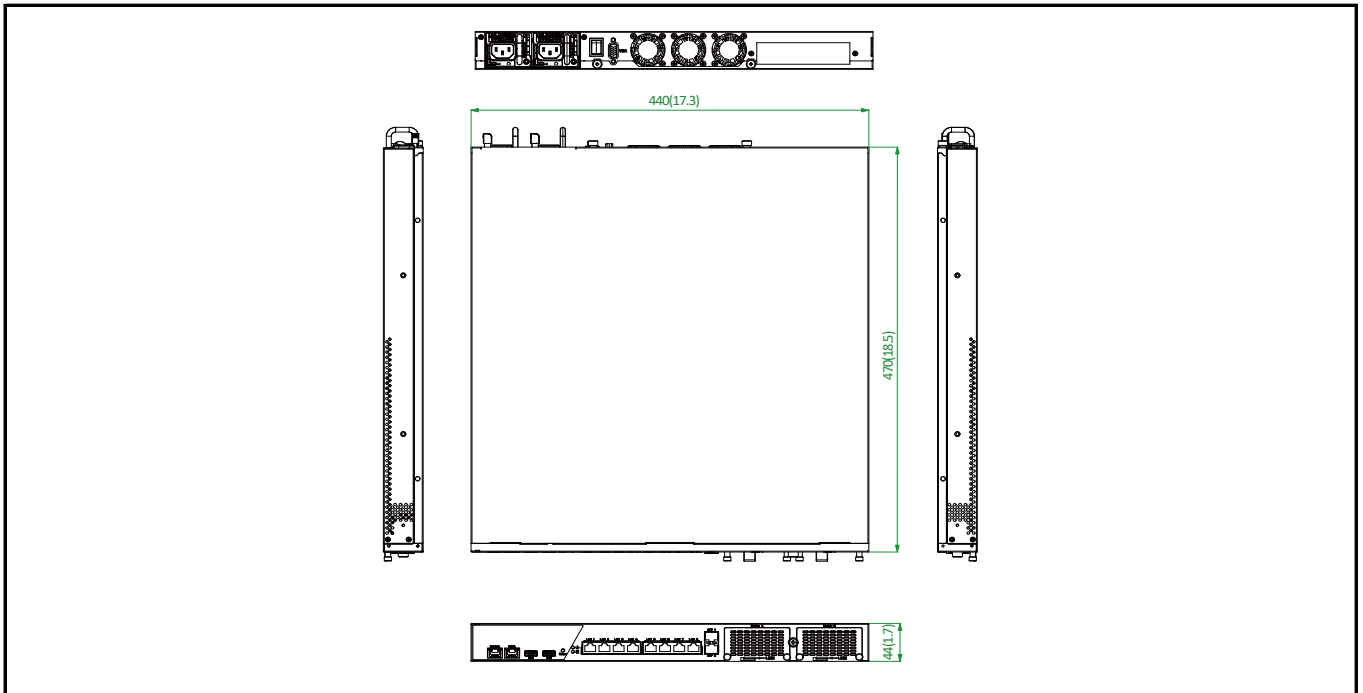
Specifications

System	
CPU	Intel® Xeon® W-1290E Intel® Xeon® W-1270E 10th Gen Intel® Core™ i9-10900E 10th Gen Intel® Core™ i7-10700E 10th Gen Intel® Core™ i5-10500E 10th Gen Intel® Core™ i3-10100E
Chipset	Intel® W480E PCH
Memory	4 x UDIMM DDR4
BIOS	AMI
WatchDog Timer	Software programmable 0 ~ 255 sec.
Video	
Video Interface	VGA (Rear-Side)
Power Requirement	
Power Supply Unit	BOM Optional For 1 x ATX PSU (300 W), 100 ~ 240 VDC or 1+1 Redundant PSU (300 W), 100 ~ 240 VDC
Ethernet	
Ethernet port	9 x GbE Copper (RJ-45) 2 x GbE 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)
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)
Expansion	ANR-W480A1: 2 x NIM module (PCIe x8) (for) ANR-W480A2: 2 x NIM module (PCIe x8, PCIe x4) 1 x PCIe x 8 slot
LCD Module	16 characters x 2 lines with 4-key button (optional)
Others	
Battery	Lithium Battery, 3V 220mAH (CR2032)
Hardware Monitoring	CPU Volt. CPU & SYS Temp. FAN Speeds
Security	TPM 2.0
Software	
OS Support	Linux kernel 5.2 and above
Environment & Mechanical	
Dimension	440 x 44 x 470 mm (17.32" x 1.73" x 18.5")
Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)
Storage Temperature	-20 ~ 80 °C (-4 ~ 176 °F)
Relative Humidity	0% ~ 90% @40 °C, non-condensing
Certifications	CE, FCC Class A, RoHS 2

Demension

Unit: mm / inch



Ordering Information

Packing List

- 1 x System
- 2 x SATA cable
- 1 x RJ45 console cable (RJ45 <-> DB9)
- 1 x Rack bracket
- 1 x Screw pack

Part Number

ANR-W480A1	1U Rackmount Network Server 10th Intel® 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 (300 W) or ATX PSU (300 W)
ANR-W480A2	1U Rackmount Network Server 10th Intel® 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 1 x PCIe x8 slot 1 x M.2 1+1 Redundant PSU (300W) or ATX PSU (300W)

