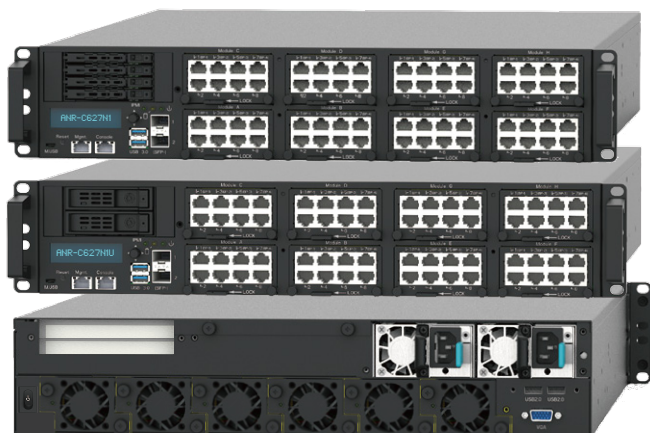


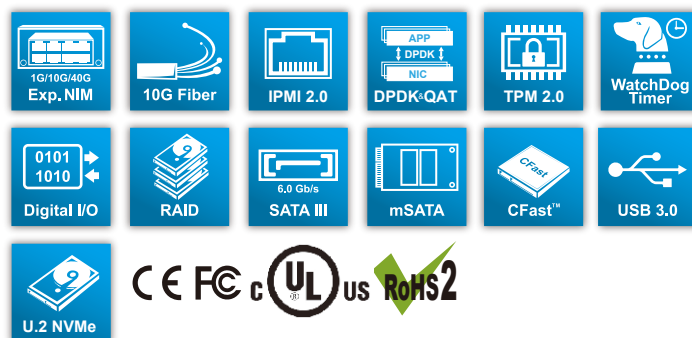
ANR-C627/C622N1-series

2U Rackmount IoT Gateway/Network Server Intel® PCH C627/C622 + Purley Platform, 8 Exp. NIM, & 1+1 Redundant PSU & U.2 NVMe



Features

- Intel® C627/C622 Platform
- 2 x Intel® Xeon® Scalable Processors
- 24 x RDIMM/LRDIMM DDR4
- 8 x Exp. NIM (1G/10G/25G/40G, Fiber/Copper/LAN Bypass)
- 1 x Management port
- 2 x 10G Fiber (SFP+)
- 4 x 2.5" SATA-III Hot-swappable / 2 x U.2 NVMe Hot-swappable
- 1 x mSATA & 1 x CFast
- Hot-swappable smart cooling fan
- 1+1 Redundant Platinum PSU (800W)



Specification

System

CPU	Two way Intel® Xeon® Scalable Processors
Chipset	Intel® PCH C627 (QAT:100Gbps) Intel® PCH C622 (QAT:n/a)
Memory	24 x RDIMM/LRDIMM DDR4
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec.

Video

Video Interface	VGA
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Ethernet

Chipset	1 x Intel® I210
1G	1 x GbE Copper (RJ45) via I210(Mgmt)
10G	2 x 10G Fiber (SFP+)
LAN bypass	Support with Exp. NIM

Storage

HDD Bay	4 x 2.5" SATA-III Hot-swappable or 2 x U.2 NVMe Hot-swappable(option)
mSATA	1 x mSATA socket
CFast	1 x CFast socket

I/O

Console port	1 x Serial console (RJ-45) 1 x USB console (micro-USB)
USB port	2 x USB 3.0 (front-side) 2 x USB 2.0 (rear-side)
LCM	Graphic LCM
GPIO	8-bit GPIO (4-In, 4-Out), on-board pin header
Exp. NIM	8 x Exp. NIM Hot-swappable (1G/10G/25G/40G, Fiber/Copper/LAN Bypass)
Exp. PCIe slot	1 x Exp. PCIe Gen3 x16 slot (FHFL)

Others

Battery	Lithium Battery, 3V 220mAh (CR2032)
Hardware Monitoring	CPU Volt. CPU & SYS Temp. FAN Speeds
Security & Mgmt.	TPM 2.0 (Infineon chipset) IPMI 2.0 (ASPEED AST2500 BMC) Chassis Intrusion Detection
DPDK & QAT	Support DPDK & QAT

Power Requirement

Power Supply Unit	1+1 Redundant Platinum PSU (800W) 100-240VAC
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Software

OS Support	Linux Kernel 4.4 or above, (64-bit)
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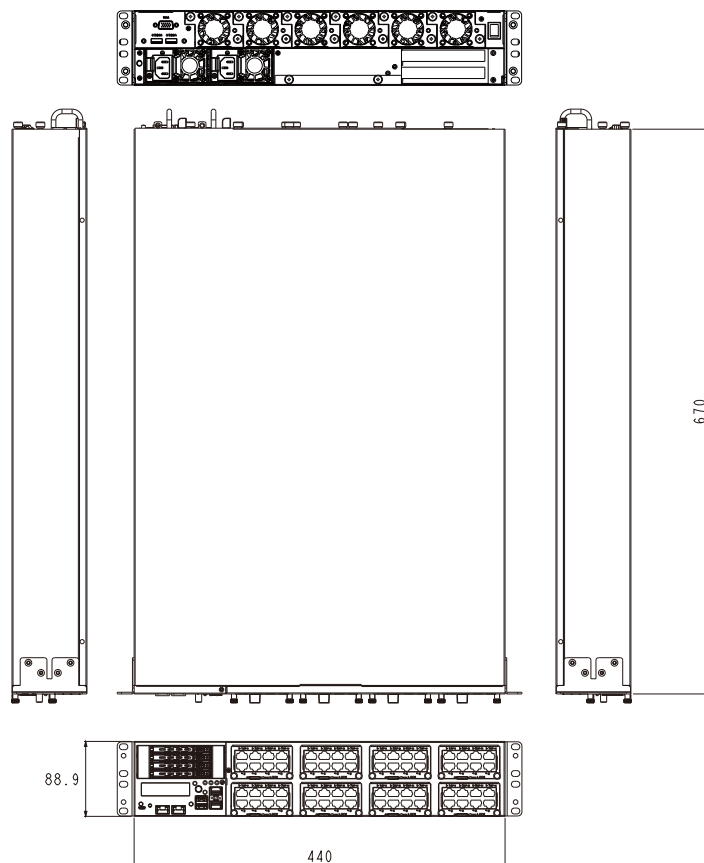
Mechanical & Environment

Dimensions	440 (W) x 89 (H) x 670 (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, cULus

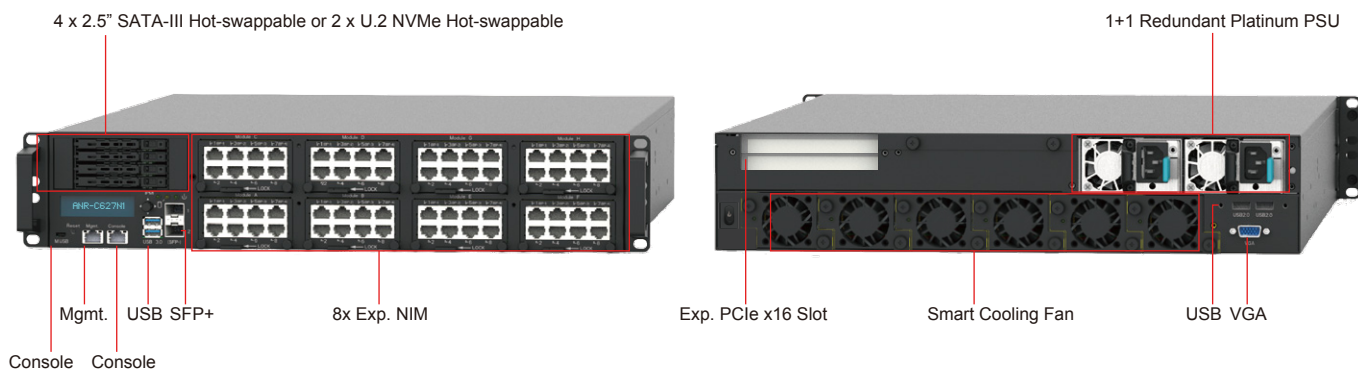
Model Name

ANR-C627N1 ANR-C622N1	2U Rackmount IoT Gateway/Network Server .Intel® PCH C627/C622 + Purley platform .8 x Exp. NIM (1G/10G/25G/40G, Fiber/Copper/LAN Bypass) .1 x Management port .2 x 10G Fiber (SFP+) .4 x 2.5" SATA-III Hot-swappable (S/W RAID 0/1/5/10) .1+1 Redundant Platinum PSU (800W)
ANR-C627N1U ANR-C622N1U	2U Rackmount IoT Gateway/Network Server .Intel® PCH C627/C622 + Purley platform .8 x Exp. NIM (1G/10G/25G/40G, Fiber/Copper/LAN Bypass) .1 x Management port .2 x 10G Fiber (SFP+) .2 x U.2 NVMe Hot-swappable (S/W RAID 0/1) .1+1 Redundant Platinum PSU (800W)

Dimensions



I/O Connectors



ANR-C627/622N1-series

Packing List

- ANR-C62xN1/N1U system x 1
- SATA cable x 4/SATA cable x 2
- CD utility x 1
- RJ45 console cable (RJ45 <-> DB9) x 1
- USB console cable (Micro-B <-> Type A) x 1
- USA / EU / JPN / UK / AS / NZS / SA / India power cord x 2
- Rack bracket x 1
- Box packing x 1
- Screw pack x 1
- Slide Rail x 1

Ordering Information

ANR-C627N1	2U Rackmount IoT Gateway/Network Server, Intel® PCH C627 + Purley platform, 8x Exp. NIM, 1xMgmt., 2 SFP+, 4 SATA-III, 1+1 Redundant Platinum PSU
ANR-C622N1	2U Rackmount IoT Gateway/Network Server, Intel® PCH C622 + Purley platform, 8x Exp. NIM, 1xMgmt., 2 SFP+, 4 SATA-III, 1+1 Redundant Platinum PSU
ANR-C627N1U	2U Rackmount IoT Gateway/Network Server, Intel® PCH C627 + Purley platform, 8x Exp. NIM, 1xMgmt., 2 SFP+, 2 U.2 NVMe, 1+1 Redundant Platinum PSU
ANR-C622N1U	2U Rackmount IoT Gateway/Network Server, Intel® PCH C622 + Purley platform, 8x Exp. NIM, 1xMgmt., 2 SFP+, 2 U.2 NVMe, 1+1 Redundant Platinum PSU