

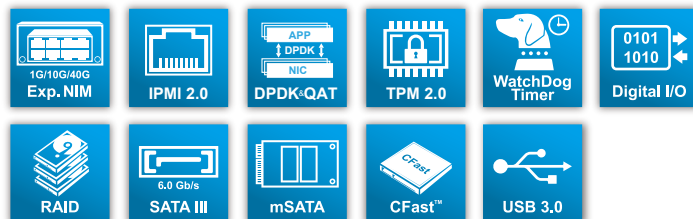
ANR-C627N1 ANR-C622N1

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



Features

- Intel® C627/C622 Platform
- 2 x Intel® Xeon® Purley Processor
- 16 x RDIMM/LRDIMM DDR4-2666/2400
- 8 x Exp. NIM (1G/10G/25G/40G, Fiber/Copper/LAN Bypass)
- 2 x Management port
- 4 x 2.5" Hot-swappable (RAID 0/1/5/10), 1 x mSATA & 1 x CFast
- Hot-swappable smart cooling fan
- CRPS 2U Redundant PSU (800W)



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	CRPS 2U Redundant ATX PSU (800W) 100-240VAC
-------------------	---

Software

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

Mechanical & Environment

Dimensions	440 (W) x 44 (H) x 600 (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	2U Rackmount IoT Gateway/Network Server .Intel® PCH C627/C622 + Purley platform .8x Exp. NIM (1G/10G/25G/40G, Fiber/Copper/LAN Bypass)
ANR-C622N1	.2x Management port .CRPS 2U Redundant PSU (800W)

Specification

System

CPU	Intel® Xeon® Purley 8100 Family (Platinum) Intel® Xeon® Purley 6100 Family (Gold) Intel® Xeon® Purley 5100 Family (Gold) Intel® Xeon® Purley 4100 Family (Silver) Intel® Xeon® Purley 3100 Family (Bronze)
Chipset	Intel® PCH C627 (QAT:100Gbps) Intel® PCH C622 (QAT:n/a)
Memory	16 x RDIMM/LRDIMM DDR4-2666/2400
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec.

Video

Video Interface	VGA
-----------------	-----

Ethernet

Chipset	Intel® I210
Connector	2x GbE Copper (RJ-45)
LAN bypass	Support with Exp. NIM

Storage

HDD Bay	4 x 2.5" SATA-III Hot-swappable (RAID 0/1/5/10) 2 x U.2 NVMe PCIe Gen3 x4 (RAID 0/1) 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-mode 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	2 x Exp. PCIe Gen3 x16 (FHHL)