

CAR-4020

The 1U Network Appliance with support for Intel® 4th Gen. Core™ and Xeon® Processors and C226 Chipset which Scales up to 24GbE



The CAR-4020 features the Intel C226 chipset, dual-channel DDR3 1600 memory (up to 32GB), up to four removable 2.5" SATA HDD or SSD, and three removable NIC modules in front. We design all I/O in front such as NIC, USB, IPMI/LOM, management port, and LCE module with 5 function keys.

CAR-4020 is ideal for network security applications (such as firewall, VPN, IDS/IPS, anti-spam, anti-virus, and UTM), and network management applications (such as routers, WAN optimization, RAS gateways, QoS, server load-balance, wireless controllers, medical DICOM and PACS, and industrial automation control via Ethernet TCP/IP). High density and flexibility meet your hardware requirements.

SPECIFICATION

CPU Board - Support Intel® 4th generation Core Processor LGA 1150
- Intel® C226 PCH

System Memory 4 x DDR3/1600 ECC DIMMs, up to 32GB

Ethernet Port up to 24 GbE ports

Bypass feature Depends on Network Module

Expansion - 2 x PCI-E x8 slot
- 1 x PCI-ex8 Golden Finger (Slot C) from CPU

Storage Device - 4x 2.5" Swappable SATA HDD/SSD
- CF socket on-board

Serial Port - One front-access RJ45 connector for system console
- One 2x5 pin-header for EZIO

LCD Panel Optional 2x16 characters or 128x32 graphic LCD module with 4 buttons

LOM IPMI 2.0 w/GbE speed (optional)

USB Dual USB 3.0 ports, front accessible

VGA Built-in on-board 2x5 pin-header

Power 280W Single Flex ATX / Redundant PSU/DC48V

Dimensions - 435(W) x 448(D) x 44(H)mm
- 17.13"(W) x 17.64"(D) x 3.5"(H)

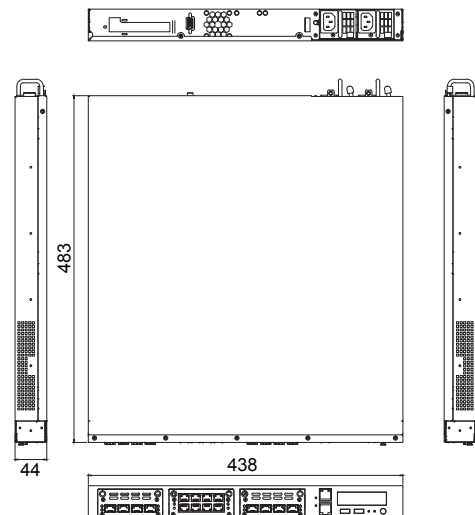
Operating Environment - Temperature: 0 to 40°C (32 to 104°F)
- Humidity 20% to 90%RH @ 55°C

Storage Environment - Temperature: -10 to 70°C (14 to 158°F)
- Humidity 5% to 95%RH @ 55°C

Certification CE/FCC/UL

FEATURE

- Intel® 4th Generation Core™ Processors with C226 Chipset
- High Scalability with 3 Expansion slots
- Maximum capacity of 24 GbE ports or Maximum 4 x 2.5" swappable HDD/SSD
- Modulized IPMI option supported
- Integrated LCD display with control buttons
- 4 DIMMs DDR3 (ECC option) up to 32GB



Ordering Guide	
P/N	Description
CAR-4020-4300-000	1U Denlow Platform

optional NIC			
LAN module	Chipset	Ethernet	Bypass
NIP-51240	82580EB	4Gb Copper	2
NIP-51040	82580EB	4Gb Copper	0
NIP-52120	82580DB	2Gb Fiber	1
NIP-52240	82580EB	4Gb Fiber	2
NIP-52080	82580EB	8Gb Fiber	0
NIP-52040	82580EB	4Gb Fiber	0
NIP-53040	82599ES	10Gb Fiber	0
NIP-53240	82599ES	10Gb Fiber	2
NIP-54021	X540	10Gb Copper	0
NIP-71042	Cave Creek	4Gb Copper	0



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