



CAR-4020

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

Key Features

- 4th Generation Intel® Core™ Processor w/ Intel® C226 Chipset Platform
- High Scalability with 3 Expansion Slots
- Provide Maximum 24 GbE ports or Maximum 4 x 2.5" swappable HDD or SSD
- 1 GbE ,10 GbE, CASwell NIC modules or Intel Cave Creek, Tileria Gx36 Acceleration modules supported
- Modularized IPMI function supported
- Integrated LCM control button



CASwell Inc. introduced the CAR-4020 rackmount network security appliance. 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 CASwell NIC modules in front. We design all I/O in front such as NIC, USB, IPMI/LOM, management port, and LCD module with 5 direction switch. The CASwell CAR-4020 1U communication appliance 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.

High Scalability- Scales up to 24GbE or 4x SSD

CAR-4020 modular designed with 3 slots expansion allow you to mix and match your network and storage purpose with up to 24GbE or 4x 2.5" removable HDD/SSD. CASwell's modular designed with diversified network adapter from copper to fiber, Dual ports to 8 ports, non-Bypass to Bypass, 1GbE to 40GbE options. And network acceleration modular such as Intel Cave Creek, Tileria 36cores solutions to suit your needs.

High Availability- IPMI, Redundant PSU

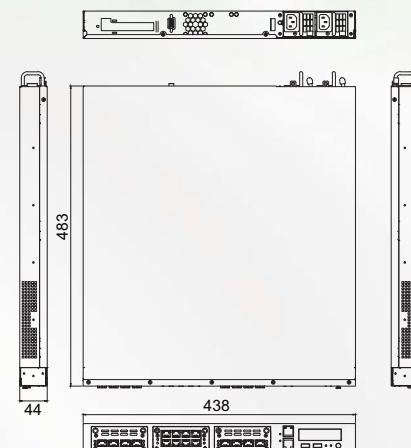
IPMI modularized on CAR-4020 supports remote management for system hardware health monitoring, event log checking, sensors/components alerting, and system power on/off/reset controls for sensitive network reliability. Redundant Power Supplies provide redundancy power protection connect to different power source of wall socket and UPS.

Design by Subtraction - You Pay, You Need

CAR-4020 designed by subtraction for you to add the components you actually need on your application. From network speed and density to storage capacity and from Single PSU to Redundant PSU, CAR4020 can fit your budget.

All is just beginning – Solution Customization

CASwell, the network solution provider, completes your solution to design and customize all network appliances you need in hardware, software, hub service...etc fields as your best partner.



H/W specification

Main Board	4 th Generation Intel® Core™ Processor w/ Intel® C226 Chipset Platform
System Memory	4 xDDR3 /1600 ECC DIMMs, up to 32GB
Ethernet Port	Dependant by CASwell NIC
Bypass	Dependant by CASwell NIC
Expansion	Three PCIe x8 for CASwell NIC Module One PCIe x8 for Standard add-on card
Storage Device	4x 2.5" Swappable SATA HDD/SSD CF Socket
LCD Panel	2x16 Characters
LOM	IPMI 2.0 w/ GbE speed (Optional)
Power	280W Single Flex ATX/ Redundant PSU/DC48V
Dimension	438(W) x 483(D) x 44(H)mm 17.24"(W) x 19.02"(D) x 3.5"(H)
Certification	CE/FCC
OS Support	Linux Kernel, Windows

Ordering Guide

Model	Part Number	Description
CAR-4020-4300-000	AI2-5114	(R).CAR-4020-000. 1U. Denlow Platform. CAPB-4020-000.



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