

Network Security & Management

CAR-6010

Intel Purley Platform,
Support up to 400 GbE



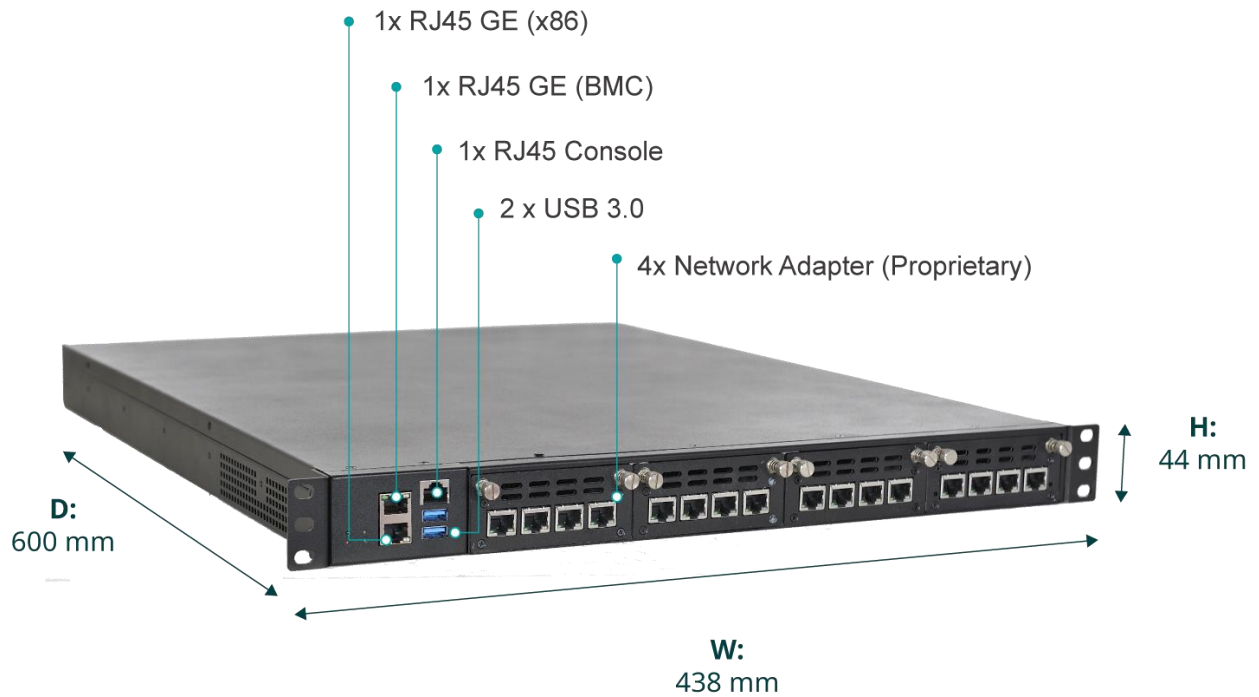
Key Features

- Intel Purley platform
- 8x DDR4 ECC RDIMMs up to 2666MHz
- Up to 4 front-access CASwell NIC module supported
- Integration Acceleration offered with Intel® QAT Engine
- CRPS, Smart LEDs, N+1 Fans solution, IPMI, System thermal integrate solution.

Ideal 2-socket 1U Rackmount for Enterprise-class Resiliency



CASwell CAR-6010 has been designed for extreme performance, up to 256GB of 2666 MHz DDR4 memory, up to 2x 2.5-inch drive bays with an extensive choice of NVMe PCIe SSDs, and flexible I/O expansion options with the LOM slot, and up to Four PCI Express 3.0 with x16 lanes for modular and easily configurable networking I/O and acceleration. The CASwell CAR-6010 system is targeted at network function virtualization (NFV) and software defined networking (SDN) applications as well as traditional network security applications such as firewall, VPN, IDS/IPS, anti-spam, anti-virus, UTM and WAN, and network management applications such as Virtualized Data Center, ADC, QoS, server load balancer, wireless controller, and industrial automation control via Ethernet TCP/IP.



Hardware Specification

Platform	
Processor	Intel Xeon Scalable Processor (Skylake-SP)
Chipset	Intel C627 PCH (Lewisburg)
System Memory	8 x DDR4 ECC 2666MHz RDIMMs
Ethernet Port	Up to 32 x SFP/RJ45 GbE Ports
Bypass	Based on CASwell NIC Module or Standard add-on card
Expansion	Up to 4 PCIe Gen3 x 16 for CASwell NIC Module
Storage Device	4 x 2.5" SATA/SAS HDDs 1 x M.2 Socket for SSD 2280 (PCIe)
Power Supply	750W CRPS PSU
Dimension (WxDxH)	438mm x 600mm x 44mm (17.24" x 23.60" x 1.73")
I/O	
Serial Port	1 x RJ-45 System Console Port
USB Port	2 x USB 3.0 Ports
Display Output	Optional from LOM or VGA module
LCD Panel	128 x 32/64 Graphic, 2 x 16 Characters
LED	PSU / LAN / Power / HDD / Ethernet
LOM	IPMI 2.0 w/ GbE speed
Operation & Certifications	
Operating Environment	Temperature: 0 - 40°C (32 - 104°F) Humidity: 10 - 90% RH
Storage Environment	Temperature: -10 - 70°C (14 - 158°F) Humidity: 5 - 95% RH @ 55°C
Certification	CE/FCC
OS Support	Linux Kernel