

Network Security & Management

CAR-4030

Intel Skylake Platform,
Support up to 24 GbE Ports



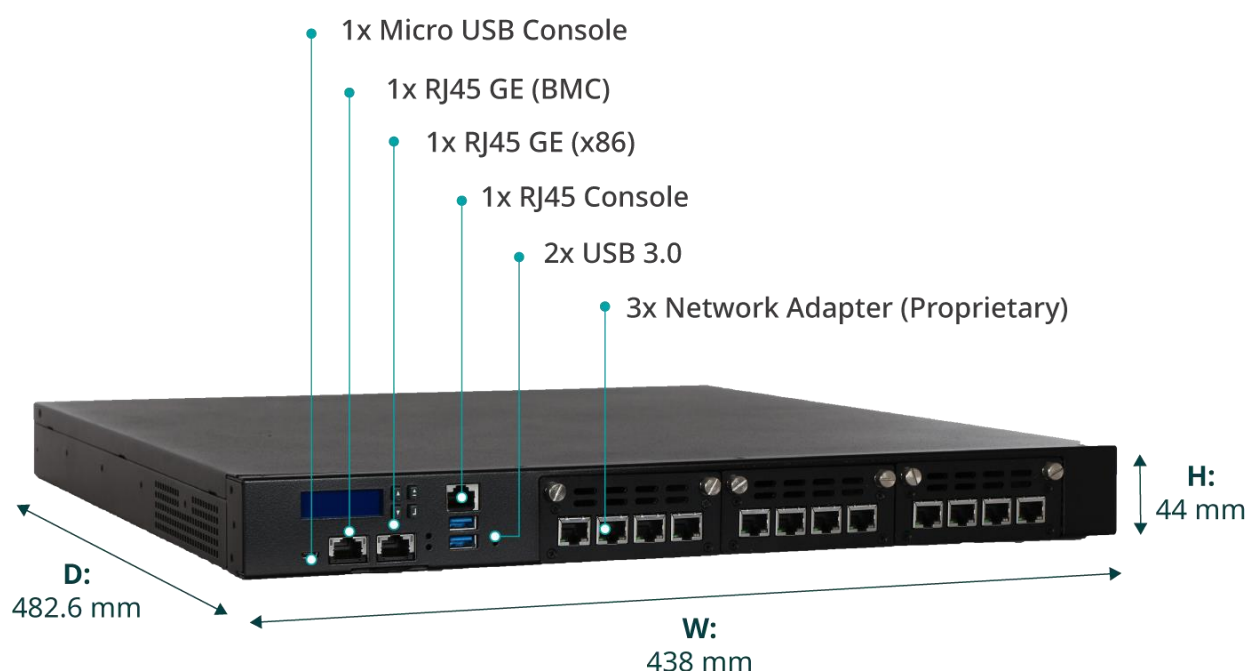
Key Features

- Intel Skylake S series platform
- 4 x DIMMs 2133 DDR4 Max Memroy Size: 64GB (base on memory spec), ECC or non-ECC
- 3 x CASwell NIC module support
- 1 x NIC module support
- Optional IPMI support
- Dual BIOS support
- Dual console port support (RJ45 + micro USB)



Optional CPUs

Model	Cores/Threads	Frequency	Cache	TDP
Intel Xeon E3-1275 v5	4C/8T	3.60GHz (4.00GHz)	8MB	80W
Intel Xeon E3-1225 v5	4C/8T	3.30GHz (3.70GHz)	8MB	80W
Intel Core i7-6700	4C/8T	3.40GHz (4.00GHz)	8MB	65W
Intel Core i5-6500	4C/4T	3.20GHz (3.60GHz)	6MB	65W
Intel Core i3-6100	2C/4T	3.70GHz	3MB	51W
Intel Pentium G4400	2C/2T	3.30GHz	3MB	54W
Intel Celeron G3900	2C/2T	2.80GHz	2MB	51W



Hardware Specification

Platform	
Processor	Intel Xeon E3 v5, Core i7/i5/i3, Pentium, Celeron Processor (Skylake)
Chipset	Intel C236/Q170 PCH
System Memory	4 x DDR4 ECC 2133MHz DIMMs, up to 64GB (ECC support only on C236)
Ethernet Port	Up to 24 x RJ45/SFP GbE Ports
Bypass	Based on CASwell NIC Module or Standard add-on card
Expansion	Up to 3 PCIe Gen3 x8 for CASwell NIC Module
Storage Device	4 x 2.5" SATA HDDs or 2 x 2.5" + 1 x 3.5" SATA HDDs 1 x CF Socket 1 x SATA DOM
Power Supply	280W Redundant PSU 250W Single PSU
Dimension (WxDxH)	438mm x 482.6mm x 44mm (17.2" x 19" x 1.7")
I/O	
Serial Port	1 x RJ-45 / Micro USB System Console Port 1 x 2x5 pin-header for EZIO 1 x GbE LAN Port for Management
USB Port	2 x USB 3.0 Ports
Display Output	1 x HDMI Port (Optional)
LCD Panel	128 x 32/64 Graphic, 2 x 16 Characters
LED	Power / HDD
LOM	IPMI 2.0 w/ GbE speed (Optional)
Operation & Certifications	
Operating Environment	Temperature: 0 - 40°C (32 - 104°F) ; Humidity: 20 - 90% RH
Storage Environment	Temperature: -10 - 70°C (14 - 158°F) ; Humidity: 5 - 95% RH @ 55°C
Certification	CE/FCC/UL
OS Support	Linux Kernel