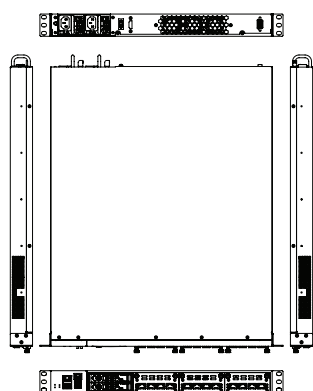


CAR-4040

Intel® Coffee Lake Platform, 1U Rackmount, Support up to 32 GbE Ports



Specification

CPU	Intel® Coffee Lake-S Family
PCH/Chipset	Intel® Coffee Lake C246 PCH
System Memory	4 x DDR4 ECC DIMMs up to 2666MHz
Ethernet Port	Up to 32 GbE RJ45/SFP
Bypass	Based on Portwell NIC Module or Standard add-on card
Expansion	Up to 4 PCIe Gen3 x8 for Portwell NIC Module
Storage Device	2 x 2.5" SATA/SAS HDDs, M.2 Socket
Dimension	438(W) x 553(D) x 44(H)mm 17.24" (W) x 21.77" (D) x 1.73" (H)

Operation

Operation Environment	Temp: 0 to 40°C (32 to 104°F) 20 to 90%RH
Storage Environment	Temp: -10 to 70°C (14 to 158°F) 5 to 95%RH @ 55°C
Certification	CE / FCC / UL
OS Support	Linux Kernel

Features

- Intel Coffee Lake platform
 - 4 x DDR4 ECC RDIMMs up to 2333MHz
 - Up to 4 front-access Portwell NIC module supported
 - RPSU, N+1 Fans solution, IPMI
- System thermal integrate solution.



Front Panel

Serial Port	Front-access RJ45 system console, one 2x5 pin-header
LCD Panel	128x32/64 Graphic, 2x16 Characters
LED	PSU / LAN / Power / HDD / Ethernet
USB	Dual USB 3.0
Display	Optional from LOM or VGA module
LOM	IPMI 2.0 w/ GbE speed (optional)
Power	300W Redundant PSU

Optional CPUs

Models	Core/Threads	Frequency(Max)	Cache	TDP
E-2176G	6C/12T	3.7GHz(4.7GHz)	12M	80W
E-2124G	4C/4T	3.4GHz(4.5GHz)	8M	71W
i7-8700	6C/12T	3.2GHz(4.6GHz)	12M	65W
i7-8700T	6C/12T	2.4GHz(4.0GHz)	12M	65W
i5-8500	6C/6T	3.0GHz(4.1GHz)	9M	65W
i5-8500T	6C/6T	2.1GHz(3.5GHz)	9M	35W
i3-8100	4C/4T	3.6GHz	6M	54W
i3-8100T	4C/4T	3.1GHz	6M	35W