

Network Security &amp; Management

# CAR-4060

Intel Comet Lake Platform

24xGbE and 10xSFP+

Lates Intel Xeon with 10C/20T

Up to 128GB ECC RAM



## Key Features

- Latest Intel Comet Lake platform – 10<sup>th</sup> Generation.
- 4 x DDR4 ECC DIMMs up to 2933 MHz.
- Up to 2 front-access NIC module supported.
- RPSU, N+1 Fans solution, IPMI System monitoring.
- Support dual LTE expansion module with build in 4xSIM holders.

## High-End Hardware for Advanced and Demanding Networking

The new CAR-4060 network appliance can handle the most demanding and advanced network tasks including the rising SD-WAN. This device supports the latest Intel Comet Lake processors with up to 10 CPU cores and 20 threads. It is a flexible solution for every customer requirement and can be equipped with an Intel Xeon W-1200 processor as well as Core i9/i7/i5/i3 and even Pentium or Celeron CPU. The CAR-4060 supports four DDR4-2933 ECC DRAM modules with a memory capacity of up to 128GB. Two proprietary network interface cards (NIC) using PCI Express 3.0 (x8 lanes) support wide range of card from 8xRJ45(with or without bypass) up to 4xSFP+. Three SATA ports (one with power) and one M.2 PCIe x4 socket can be used for both fast boot and extensive storage. Its also support wide range of PSU options, starting with single ATX, single ATX with additional external ATX redundant PSU and standard RPSU. Due to mentioned features and long lifetime support it can fit in most of markets demands for 1U system.

Copyright © 2018 European Power Switch Technology S.V. All rights reserved. All data is for information purposes only and not guaranteed for legal purposes. Information has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. Provided in the Portwell logo and all other trademarks or registered trademarks are the property of their respective owners and are recognized. Specifications are subject to change without notice. CAR-4060\_DS\_EPTV01



## Hardware Specification

<b>Platform</b>	
<b>Processor</b>	Intel Xeon, Core i9/i7/i5/i3/Pentium Processors (Comet Lake-S 10 <sup>th</sup> Gen)
<b>Chipset</b>	Intel W480E/Q470E PCH (Comet Lake)
<b>System Memory</b>	4 x DDR4 ECC 2933MHz DIMMs up to 128GB
<b>Ethernet Port</b>	Up to 24 x RJ45 GbE Ports with 2 x SFP+ or 10 x SFP+ with 8 x RJ45
<b>Bypass</b>	2 pairs on base board plus optional NIC modules (up to 10 pairs)
<b>Expansion</b>	Up to 2 PCIe Gen3 x 8 for NIC Module
<b>Storage Device</b>	2 x 2.5" SATA/SAS HDDs 1 x SATA-DOM with power 1 x M.2 Socket
<b>Security</b>	TPM
<b>Power Supply</b>	300W Redundant PSU
<b>Dimension (WxDxH)</b>	438mm x 570 x 44mm
<b>I/O</b>	
<b>Serial Port</b>	1 x RJ-45 or micro-USB System Console Port
<b>USB Port</b>	2 x USB 3.0 Ports, 1 x USB 3.0 at the back (optional)
<b>Display Output</b>	Optional HDMI and VGA from LOM card
<b>LCD Panel</b>	128 x 32/64 Graphic, 2 x 16 Characters
<b>LED</b>	PSU / LAN / Power / HDD / Ethernet
<b>LOM</b>	IPMI 2.0 w/ GbE speed
<b>Operation &amp; Certifications</b>	
<b>Operating Environment</b>	Temperature: 0 - 40°C (32 - 104°F) Humidity: 20 - 90% RH
<b>Storage Environment</b>	Temperature: -10 - 70°C (14 - 158°F) Humidity: 5 - 95% RH @ 55°C
<b>Certification</b>	CE/FCC/UL
<b>OS Support</b>	Linux/FreeBSD/Windows