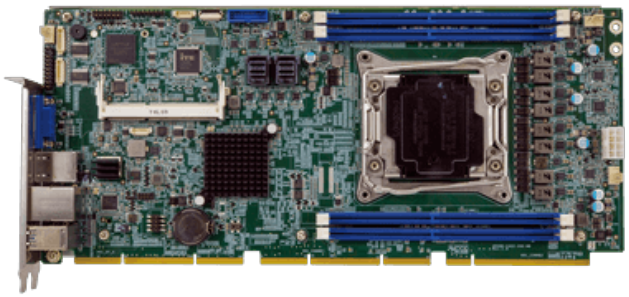
PEMUX-XEW1

Full-size PEMUX CPU Card supports LGA2066 Intel® Xeon® W CPU per, Intel® C422, DDR4 ECC RDIMM, IPMI VGA output, Aquantia 10GbE, USB 3.0, SATA 6Gb/s, M.2 and RoHS



Features

» PEMUX full-size server / graphic grade solution

» LGA2066 Intel® Haswell processor supported

» Four 288-pin Dual-Channel DDR4 ECC RDIMM/LRDIMM supports up to 256GB

» Supports IPMI VGA display.

» Supports M.2 2280 SSD

» Intel® PCIe GbE Intel® i210-AT with NCSI support

» Aquantia AQC107 10 GbE NIC

» Supports RAID function via SATA 6Gb/s

» TPM V2.0 hardware security function supported by TPM module

Specifications

System	
CPU	LGA2066 socket supports Intel® Xeon W processor
Chipset	Intel® C422
Memory	Four 288-pin Dual-Channel DDR4 ECC RDIMM/LRDIMM
Memory Max.	256GB
Physical Characteristics	
Dimensions (LxWxH) (mm)	338.58 X 150.5
Net Weight	700g
Storage	
Storage	8 x SATA :2 x SAS 8643
	1 x M.2(NGFF) :2280
I/O Interface	
Display Output	1 x VGA
Ethernet	2 x LAN :LAN1: 1 GbE NIC: Intel® i210-AT with NCSI support
	LAN2: 10 GbE NIC: Aquantia AQC107
Audio	Description: 2 X 5 pin
I/O Interface	2 x Internal RS-232 :2x9 pin, p=2.0
	2 x External USB 2.0
	4 x External USB 3.2 Gen1x1
	1 x Internal USB 3.2 Gen1x1 :2x10 pin, p=2.0
Expansion	Description: 56-Lane PCIe signal via golden finger
Other Features	
TPM	2x10 pin
Power	
Power Supply	5V/12V, Support AT/ATX mode
Environment	
Operating Temperature	-20°C ~ 40°C
Humidity	5% ~ 95%, non-condensing

Ordering Information

PEMUX-XEW1-R10	Full-size PEMUX CPU Card supports LGA-2066 Intel® Xeon® W processor, Intel® C422 chipset, DDR4 R-DIMM and LR-DIMM supported, IPMI VGA output, Intel® PCIe GbE, Aquantia 10GbE, USB3.0, USB2.0, SATA 6Gb/s(with mini SAS connector), and RoHS

Packing List

1 x PEMUX-XEW1 single board computer	1 x mini SAS to 4 SATA cable
1 x QIG (Quick Installation Guide)	