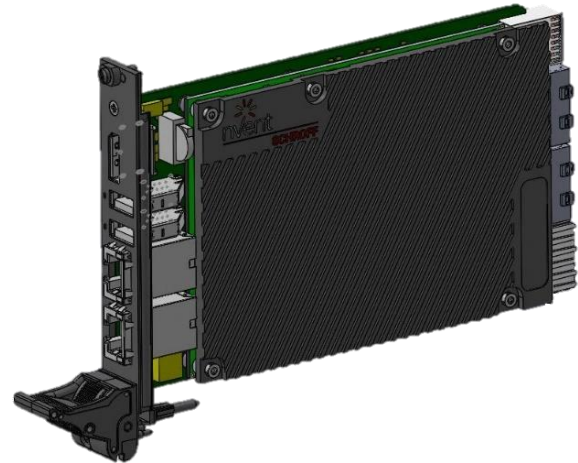


The nVent SCHROFF PXIe embedded controller is the most compact and powerful 3 U/4 HP embedded controller for PXI Express and CPCIexp platforms. With its comprehensive and future-proof interface and compute power capabilities, it is ideally suitable for test and measurement applications. The controller is driven by a 11th generation Intel® Xeon® processor, combined with up to 64 GB DDR4 memory and supports high bandwidth applications with PCIe Gen4 and 10GBASE-T interconnectivity.

Product Features

- PXI™-5 PXI Express hardware spec. Rev.2.0 compliant
- Maximum system throughput 28 GB/s^[1]
- Upgradeable m.2 and DDR4 Storage
- 11th Gen Intel® Xeon® (Tiger Lake) with PCIe Gen4
- Most compact form factor for versatile applications
- Full customizable AMI Aptio® Embedded BIOS



^[1] 4-Link mode configuration x4 x4 x4 x4
 2-Link mode configuration x4 x8
 PCIe Gen3 / PCIe Gen4

Controller Capabilities		Mechanical Parameters	
CPU	W-11865MLE 8x 2.6 GHz/4.7 GHz	Form Factor	3 U, 1 Slot PXIe/CPCIexp System Slot
Chipset	RM590E/QM580E/HM570E	Dimensions	20.3 x 128.7 x 213.2 mm
DRAM ^[2]	32 GB 3200 MHz DDR4	Weight	0.54 kg
Graphics	Integrated Xe (Gen12) graphics up to 32 EU	Environmental	
Storage ^[2]	m.2 Type B SSD WD RED 1 TB		
I/O ports	2x 10GBASE-T, 2x USB3.1 Type A, DP 1.4	Operating ^[3]	0...+45 °C @ 10-90 % non-condensing
Power	Peak: 120 W TDP: 45 W	Storage ^[3]	-20...+80 °C @ 10-90 % non-condensing
^[2] Assembly options		^[3] Industrial Grade option	
	DDR4 16/32/64 GB Storage 1/2/4 TB		Operating -40...+70°C Storage -40...+85°C

