

SCHROFF CPe-AA420

PXI Express Embedded Controller 3U 4TE

SCHROFF CPe-AA420 is the most compact and powerful 3U one-slot embedded controller for the PXI Express and CPClexp platform. With its huge and future-ready interface capabilities, it runs perfectly with most test and measurement applications. The Controller is driven by a 7th generation Intel® Core™ processor combined with up to 32GB DDR4 memory and easily supports high bandwidth applications with its PCIe Gen3 System and Storage interconnectivity.

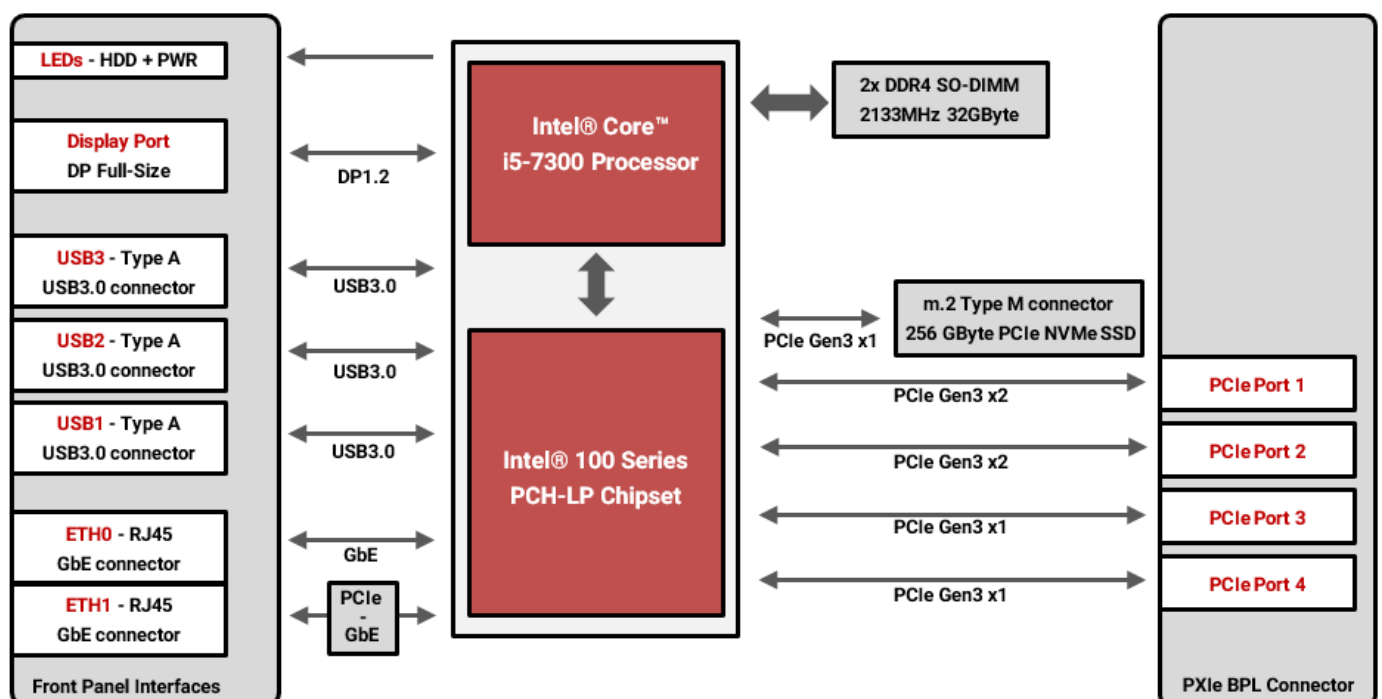
Product Features

- PXI™-5 PXI Express hardware spec. Rev.2.0 compliant
- Maximum System Throughput 6 GB/s¹
- Integrated m.2 NVMe PCIe Gen3 Storage
- 7th Intel® Core™ Generation with Hyper-Threading
- Most compact PXIe Embedded Controller on market
- Customizable BIOS

¹ Four-Link mode PCIe Gen 3 x2 - x2 - x1 - x1



Controller Capabilities		Mechanical Parameters	
CPU	Intel® Core™ i5-7300U 2.6GHz dual-core	Form Factor	3U, 1 Slot PXIe/CPClexp System Board
Chipset	Integrated Intel™ 100 Series PCH-LP	Dimensions	20.3 x 128.7 x 213.2 mm ³
DRAM	1x16GB 2133MHz DDR4 (2x16GB optional)	Weight	0.38 kg
Graphics	Intel® Gen9 HD Graphics 620	Environmental	
Storage	m.2 NVMe SSD Samsung 960 EVO 250 GB	Operating	0...+60°C @ 10-90% non-condensing
I/O ports	2x GBE, 3x USB3.0 TypeA, DisplayPort 1.2	Storage	-40...+85°C @ 10-90% non-condensing
Power	Peak: 40 W Typical: 18W		



Order Information

PXIe Embedded Controller CPe-AA420

Item Number

23297-432

FOR FURTHER INFORMATION PLEASE VISIT:

ip.schroff.nvent.com/en/pxi-express