

Theia Network Interface Card

PT-10-DUAL

10GigE Dual-Port NIC



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10GigE SFP+ dual port PCIe gen3 x8 smart NIC with front panel 5V TTL input trigger port. This card is part of a series of progressively more powerful PC peripherals intended to allow customers to get the most out of their Emergent ultra-high-speed cameras for the widest range of applications.

Benefits

- » Most optimal performance for any video stream
- » Absolute minimal CPU and system memory utilization
- » Absolute lowest latency and jitter
- » Absolute best price performance and no licensing
- » Full Ethernet network compatibility
- » CPU offloading
- » Real time front panel trigger port
- » GPU Direct
- » Camera multiplexing with switchese

Applications

- » Machine Vision
- » AOI
- » Metaverse/Volumetric Capture
- » AI/Deep Learning/Machine Learning
- » NVMe Storage

Specifications

PCIe	PCIe gen3 x8
Ethernet	10GigE SFP+
Compliance	FCC/CE, RoHS
Environmental	0-45°C
OS	Windows, Linux
Trigger	5V TTL input

Any Questions?

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