DATASHEET

NVIDIA T1000E

Full-Size Features. Compact Design.

Power and Performance in a Small Form Factor

The NVIDIA® T1000E, built on the NVIDIA Turing™ GPU architecture, is a powerful, low profile solution that delivers the full-size features, performance and capabilities required by demanding professional applications in a compact graphics card. Featuring 896 CUDA cores and 4 or 8GB of GDDR6 memory, the T1000E enables professionals to tackle multi-app workflows, from 3D modeling to video editing. Support for up to four 5K displays gives you the expansive visual workspace to view your work in stunning detail.

NVIDIA RTX™ professional graphics cards are certified with a broad range of professional applications, tested by leading independent software vendors (ISVs) and workstation manufacturers, and backed by a global team of support specialists. Get the peace of mind you need to focus on what matters most with the premier visual computing platform for mission-critical business.

Features

- Four Mini DisplayPort 1.4 connectors with latching mechanism[1]
- DisplayPort with audio
- NVIDIA RTX Desktop Manager software
- NVIDIA RTX Experience™
- NVIDIA Mosaic technology[2]
- HDCP 2.2 support

SPECIFICATIONS

PNY Part Number	**VCNT10008GB-LLP**
Memory	**8GB GDDR6**
Memory Interface	**128-bit**
Memory Bandwidth	**Up to 160 GB/s**
NVIDIA CUDA Cores	**896**
Single-Precision Performance	**Up to 2.5 TFLOPs[3]**
System Interface	**PCIe 3.0 x 16**
Max Power Consumption	**50 W**
Thermal Solution	**Active**
Form Factor	**2.713 inches H x 6.137 inches L, single slot**
Display Connectors	**4 x mDP 1.4 with latching mechanism**
Max Simultaneous Displays	**4x 3840 x 2160 @ 120Hz** **4x 5120 x 2880 @ 60Hz** **2x 7680 x 4320 @ 60Hz**
Graphics APIs	**DirectX 12 Ultimate, Shader Model 6.6, OpenGL 4.6[4], Vulkan 1.3[4]**
Compute APIs	**CUDA 11.6, DirectCompute, OpenCL 3.0**

Learn More

To learn more about the NVIDIA T1000E, visit **www.pny.com/nvidia-t1000e**

1 VGA/DVI/HDMI support via adapter. | 2 Windows 10, Windows 11, and Linux. | 3 Peak rates based on GPU Boost Clock. | 4 Product is based on a published Khronos specification and is expected to pass the Khronos conformance testing process when available.Current conformance status can be found at **www.khronos.org/conformance**