



## NVIDIA T1000

FULL-SIZE FEATURES.  
COMPACT DESIGN.



### Power and Performance in a Small Form Factor

The NVIDIA® T1000, 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 4GB of GDDR6 memory, the T1000 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<sup>1</sup>
- > DisplayPort with audio
- > NVIDIA RTX Desktop Manager software
- > NVIDIA RTX Experience
- > NVIDIA Mosaic technology<sup>2</sup>
- > HDCP 2.2 support

### SPECIFICATIONS

PNY Part Number	VCNT1000-PB
GPU Memory	4 GB GDDR6
Memory Interface	128-bit
Memory Bandwidth	Up to 160 GB/s
NVIDIA CUDA Cores	896
Single-Precision Performance	Up to 2.5 TFLOPs <sup>3</sup>
System Interface	PCI Express 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 12.07 <sup>4</sup> , Shader Model 5.17 <sup>4</sup> , OpenGL 4.68 <sup>5</sup> , Vulkan 1.2 <sup>5</sup>
Compute APIs	CUDA, DirectCompute, OpenCL™

To learn more about the NVIDIA T1000, visit [www.pny.com/nvidia-t1000](http://www.pny.com/nvidia-t1000)

<sup>1</sup> VGA/DVI/HDMI support via adapter | <sup>2</sup> Windows 10 and Linux | <sup>3</sup> Peak rates based on GPU Boost Clock | <sup>4</sup> GPU supports DX 12.0 API, hardware feature level 12 + 1. | <sup>5</sup> 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](http://www.khronos.org/conformance)

© 2021 NVIDIA, the NVIDIA logo, NVIDIA RTX, Turing architecture, and T1000 are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. NVIDIA T1000 | Datasheet | MAY21

