



## NVIDIA T1000 | NVIDIA T1000 8GB

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 4 or 8GB 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

Part Number	<b>VCNT1000-8GB-PB</b>
EAN Code	<b>3536403388898</b>
GPU Memory	<b>8 GB GDDR6</b>
Memory Interface	<b>128-bit</b>
Memory Bandwidth	<b>Up to 160 GB/s</b>
NVIDIA CUDA Cores	<b>896</b>
Single-Precision Performance	<b>Up to 2.5 TFLOPs<sup>3</sup></b>
System Interface	<b>PCI Express 3.0 x 16</b>
Max Power Consumption	<b>50 W</b>
Thermal Solution	<b>Active</b>
Form Factor	<b>2.713 inches H x 6.137 inches L, single slot</b>
Display Connectors	<b>4 x mDP 1.4 with latching mechanism</b>
Max Simultaneous Displays	<b>4x 3840 x 2160 @ 120Hz 4x 5120 x 2880 @ 60Hz 2x 7680 x 4320 @ 60Hz</b>
Graphics APIs	<b>DirectX 12.0<sup>4</sup>, Shader Model 5.1<sup>4</sup>, OpenGL 4.6<sup>5</sup>, Vulkan 1.2<sup>5</sup></b>
Compute APIs	<b>CUDA, DirectCompute, OpenCL™</b>

<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)

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