



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 mechanism¹
- > DisplayPort with audio
- > NVIDIA RTX Desktop Manager software
- > NVIDIA RTX Experience
- > NVIDIA Mosaic technology²
- > HDCP 2.2 support

SPECIFICATIONS

Part Number	VCNT1000-8GB-PB
EAN Code	3536403388898
GPU Memory	8 GB GDDR6
Memory Interface	128-bit
Memory Bandwidth	Up to 160 GB/s
NVIDIA CUDA Cores	896
Single-Precision Performance	Up to 2.5 TFLOPs³
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 12.0⁴, Shader Model 5.1⁴, OpenGL 4.6⁵, Vulkan 1.2⁵
Compute APIs	CUDA, DirectCompute, OpenCL™

¹ VGA/DVI/HDMI support via adapter | ² Windows 10 and Linux | ³ Peak rates based on GPU Boost Clock | ⁴ GPU supports DX 12.0 API, hardware feature level 12 + 1. | ⁵ 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