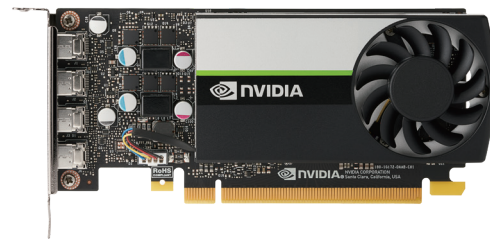


PCI Express Graphics Cards based on NVIDIA Turing™ Architecture

PCI Express Graphics Cards
with NVIDIA GPUs



Features

- NVIDIA embedded graphics based on Turing™ architecture
- Up to 4x DisplayPort 1.4
- DisplayPort with audio
- HDCP 2.2 support
- NVIDIA Mosaic

Ordering Information

NVIDIA T1000-ATX	NVIDIA T1000, 4GB GDDR6, PCIe x16 GEN3, 4x mini DP 1.4a, TGP 50W, 2.713" H x 6.13" L, single slot , ATX bracket
NVIDIA T1000-L	NVIDIA T1000, 4GB GDDR6, PCIe x16 GEN3, 4x mini DP 1.4a, TGP 50W, 2.713" H x 6.13" L, single slot , Low profile bracket
NVIDIA T1000E 8GB-ATX	NVIDIA T1000E, 8GB GDDR6, PCIe x16 GEN3, 4x mini DP 1.4a, TGP 50W, 2.713" H x 6.13" L, single slot, ATX bracket, long life support
NVIDIA T1000E 8GB-L	NVIDIA T1000E, 8GB GDDR6, PCIe x16 GEN3, 4x mini DP 1.4a, TGP 50W, 2.713" H x 6.13" L, single slot, Low profile bracket, long life support
NVIDIA T400E	NVIDIA® T400E, 4GB GDDR6, PCIeX16 GEN3, 4x mini DP 1.4a, TGP 30W, 2.713" H x 6.13" L, single slot, long life support
NVIDIA T600E	NVIDIA® T600E, 4GB GDDR6, PCIeX16 GEN3, 4x mini DP 1.4a, TGP 40W, 2.713" H x 6.13" L, single slot, long life support

Specifications



Model Name	NVIDIA T1000		NVIDIA T1000E-8GB
Graphic Core			
Graphic Architecture	NVIDIA® Turing™ TU117		
GPU	NVIDIA T1000		
Memory	4GB GDDR6 memory, 128-bit, Bandwidth: Up to 160 GB/s	8GB GDDR6 memory, 128-bit, Bandwidth: Up to 160 GB/s	
ECC	N/A		
GPGPU Computing			
CUDA Cores	896 CUDA® cores, 2.5 TFLOPS SP Peak		
Compute API	CUDA Toolkit 8.0, CUDA Compute version 6.1, OpenCL™ 1.2		
Graphics API	Shader Model 5.1, OpenGL 4.6, DirectX 12.0, Vulkan 1.2		
Display			
Display Outputs	4 x mDP 1.4 with latching mechanism 4x 3840 x 2160 @ 120Hz 4x 5120 x 2880 @ 60Hz 2x 7680 x 4320 @ 60Hz		
Interface	PCI Express 3.0 x16		
Mechanicals			
Dimensions	2.7" H x 6.1" L, single slot		
Form Factor	Half height		
Environmental			
Operating Temperature	0°C to 55°C		
Storage Temperature	-40°C to 75°C		
Module Power Consumption	50W		
SW Support			
OS Support	Windows® 10 & Linux drivers, 64-bit		

Specifications



Model Name	NVIDIA T400E		NVIDIA T600E	
Graphic Core				
Graphic Architecture	NVIDIA® Turing™ TU117			
GPU	NVIDIA T400		NVIDIA T600	
Memory	4GB GDDR6 memory, 64-bit, Bandwidth: Up to 80 GB/s		4GB GDDR6 memory, 128-bit, Bandwidth: Up to 160 GB/s	
ECC	N/A			
GPGPU Computing				
CUDA Cores	384 CUDA® cores, 1.09 TFLOPS Peak FP32 Performance		640 CUDA® cores, 1.7 TFLOPS Peak FP32 Performance	
Compute API	CUDA Toolkit 8.0, CUDA Compute version 6.1, OpenCL™ 1.2			
Graphics API	Shader Model 5.1, OpenGL 4.6, DirectX 12.0, Vulkan 1.2			
Display				
Display Outputs	3 x mDP 1.4 3x 3840 x 2160 @ 120Hz 3x 5120 x 2880 @ 60Hz		4 x mDP 1.4 4x 3840 x 2160 @ 120Hz 4x 5120 x 2880 @ 60Hz 2x 7680 x 4320 @ 60Hz	
Interface	PCI Express 3.0 x16			
Mechanicals				
Dimensions	2.713 inches x 6.137 inches, single-slot			
Weight	123g		129g	
Environmental				
Operating Temperature	0°C to 55°C			
Storage Temperature	-40°C to 75°C			
Module Power Consumption	30W		40W	
SW Support				
OS Support	Windows® 10 & Linux drivers, 64-bit			

Mouser Electronics

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