Quadro-E PEG P2000

PCI Express Graphic Card with NVIDIA® Quadro® P2000

Features

- DisplayPort 1.4 x4
- DisplayPort with audio
- NVIDIA nView® Desktop Management Software
- HDCP 2.2 support
- NVIDIA Mosaic
- NVIDIA Iray and MentalRay support
- 3 (+5)† years



Introduction

The Quadro-E PEG P2000 perfectly balances performance, features, and compact form factor to deliver exceptional creative experience and productivity across a variety of 3D applications. The Pascal GPU with 1024 CUDA cores, 5GB GDDR5 onboard memory and support for up to four 5K (5120x2880 @ 60Hz) native displays accelerate product development and creation workflow demanding fluid interactivity for large, complex 3D workpieces.

Ordering Information

- **Quadro-E PEG P2000**
  NVIDIA® Quadro® P2000, PCIe x16 Gen3, 4x DP 1.4,
  4.4" H x 7.9" L, single slot

* The product is sold with ADLINK platforms. Recommended models are AMITX-SL, IMB-M43H, IMB-M43-C236, IMB-M43, and NuPRO-E43 paired with EBP-13E2.
† Special conditions apply.

Specifications

	Quadro-E PEG P2000
Graphic Core	
Graphic Architecture	NVIDIA® Pascal™ GP106
GPU	Quadro® P2000
Display Outputs	4x DP 1.4, 4096x2160 @ 60Hz / 5120x2880 @ 60Hz HDCP 2.2 Support * VGA/DVI/HDMI support via adapter/connector/bracket
Signal Interface	PCI Express Gen3 x16 support
GPGPU Computing	
CUDA Supports	1024 CUDA cores, 3.0 TFLOPS peak FP32 performance
Memory	GDDR5 5GB memory, memory width: 160-bit, bandwidth: 130 GB/s
SW	
OS Support	Windows 7/10 & Linux drivers, 64-bit
Graphic API	DirectX® 12, OpenGL 4.5, Vulkan 1.0 Shader Model 5.1
Compute API	CUDA Toolkit 8.0, CUDA Compute version 6.1 OpenCL™ 1.2, Direct Compute
NVIDIA technology	NVIDIA® Mosaic Technology/ NVIDIA® nView® Display Management Technology
Environmental	
Operating Temp.	0 to 55˚C
Storage Temp.	-40˚C to 75˚C
Operating RH	5% to 90%
Storage RH	5% to 95%
Module Power Consumption	75W
Mechanicals	
Dimensions	4.4" H x 7.9" L, single slot
Weight	260g

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