Quadro-E PEG P4000

PCI Express Graphic Card with NVIDIA® Quadro® P4000

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 P4000 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 1792 CUDA cores, 8GB GDDR5 onboard memory and support for up to four 8K (7680×4320 @ 60 Hz) native displays accelerate product development and creation workflow demanding fluid interactivity for large, complex 3D workpieces.

Ordering Information

- **Quadro-E PEG P4000**
  NVIDIA® Quadro® P4000, PCIe x16 Gen3, 4x DP 1.4,
  4.4" H x 9.5" 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 P4000
Graphic Core	
Graphic Architecture	NVIDIA® Pascal™ GP104
GPU	Quadro® P4000
Display Outputs	4x DP 1.4, 7680×4320 @120 Hz/7680×4320 @ 60 Hz/5120×2880 @ 60 Hz HDCP 2.2 support * VGA/DVI/HDMI support via adapter/connector/bracket
Signal Interface	PCI Express Gen3 x16 support
GPGPU Computing	
CUDA Supports	1792 CUDA cores 5.3 TFLOPS peak FP32 performance
Memory	GDDR5 8GB memory Memory width: 256-bit Bandwidth: up to 243 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	105W
Mechanicals	
Dimensions	4.4" H x 9.5" L, single slot
Weight	475g

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