

## Produktinformation



### Information

<i>Tillverkare</i>	PNY
<i>Artnr</i>	VCQP1000V2-PB

## NVIDIA Quadro P1000 - Graphics card - Quadro P1000 - 4 GB GDDR5 - PCIe 3.0 x16 low profile - 4 x Mini DisplayPort - Adapters Included

The Quadro P1000 combines a 640 CUDA core Pascal GPU, 4 GB GDDR5 on-board memory and advanced display technologies in a low-profile form factor to deliver amazing graphics performance for demanding professional applications. Support for four 4K displays (4096x2160 @ 60Hz) with HDR color gives you an expansive visual workspace to see your ideas come to life in stunning detail. Quadro cards are certified with a broad range of sophisticated professional applications, tested by leading workstation manufacturers, and backed by a global team of support specialists. This gives you the peace of mind to focus on doing your best work. Whether you're developing revolutionary products or telling spectacularly vivid visual stories, Quadro gives you the performance to do it brilliantly. Adapters included.

## Specifikation

### General

<b>Device Type</b>	Graphics card - low profile
<b>Bus Type</b>	PCI Express 3.0 x16
<b>Graphics Engine</b>	NVIDIA Quadro P1000
<b>CUDA Cores</b>	640
<b>Max Resolution</b>	5120 x 2880 at 60 Hz
<b>Max Monitors Supported</b>	4
<b>Interfaces</b>	4 x Mini DisplayPort
<b>API Supported</b>	OpenCL, DirectCompute, DirectX 12, OpenGL 4.5, Vulkan
<b>Features</b>	Nvidia CUDA technology, NVIDIA Mosaic, Nvidia GPUDirect, ultra-quiet active fansink, NVIDIA Iray technology, Shader Model 5.1, NVIDIA Pascal GPU technology, HDCP

### Memory

<b>Size</b>	4 GB
<b>Technology</b>	GDDR5 SDRAM

<b>Bus Width</b>	128-bit
<b>Bandwidth</b>	82 GBps

#### System Requirements

<b>OS Required</b>	Linux, Oracle Solaris, Microsoft Windows 7 / 8 / 8.1 / 10
<b>Min RAM Size</b>	1 GB
<b>Min Hard Drive Space</b>	200 MB
<b>Additional Requirements</b>	DVD-ROM, Internet connection

#### Miscellaneous

<b>Power Consumption Operational</b>	47 Watt
<b>Included Accessories</b>	Low-profile bracket, full-height bracket
<b>Software Included</b>	Display drivers, Nvidia nView Desktop Management Software
<b>Compliant Standards</b>	DisplayPort 1.4, HDCP 2.2
<b>Depth</b>	14.5 cm
<b>Height</b>	6.89 cm

#### Environmental Standards

<b>ENERGY STAR Certified</b>	Yes
------------------------------	-----

#### Manufacturer Warranty

<b>Service &amp; Support</b>	Limited warranty - 3 years
------------------------------	----------------------------