



## PNY NVIDIA Quadro P1000 - Graphics card

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

Group	Graphics Cards
Manufacturer	PNY
Manufacturer item no.	VCQP1000V2-PB
EAN/UPC	3536403375652

### Description

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.

### Main features

Product Description	NVIDIA Quadro P1000 - graphics card - Quadro P1000 - 4 GB - Adapters Included
Device Type	Graphics card - low profile
Bus Type	PCI Express 3.0 x16
Graphics Engine	NVIDIA Quadro P1000
Memory	4 GB GDDR5
CUDA Cores	640
Memory Interface	128-bit
Max Resolution	5120 x 2880
Max Monitors Supported	4
Interfaces	4 x Mini DisplayPort
API Supported	OpenCL, DirectCompute, DirectX 12, OpenGL 4.5, Vulkan
Dimensions (WxDxH)	14.5 cm x 6.89 cm
Environmental Standards	ENERGY STAR Qualified

## Extended details

<b>General</b>	
Device Type	Graphics card - low profile
Bus Type	PCI Express 3.0 x16
Graphics Engine	NVIDIA Quadro P1000
CUDA Cores	640
Max Resolution	5120 x 2880 at 60 Hz
Max Monitors Supported	4
Interfaces	4 x Mini DisplayPort
API Supported	OpenCL, DirectCompute, DirectX 12, OpenGL 4.5, Vulkan
Features	Nvidia CUDA technology, NVIDIA Mosaic, Nvidia GPUDirect, ultra-quiet active fansink, NVIDIA Iray technology, Shader Model 5.1, NVIDIA Pascal GPU technology, HDCP
<b>Memory</b>	
Size	4 GB
Technology	GDDR5 SDRAM
Bus Width	128-bit
Bandwidth	82 GBps
<b>System Requirements</b>	
OS Required	Linux, Oracle Solaris, Microsoft Windows 7 / 8 / 8.1 / 10
Min RAM Size	1 GB
Min Hard Drive Space	200 MB
Additional Requirements	DVD-ROM, Internet connection
<b>Miscellaneous</b>	
Power Consumption Operational	47 Watt
Included Accessories	Low-profile bracket, full-height bracket
Software Included	Display drivers, Nvidia nView Desktop Management Software
Compliant Standards	DisplayPort 1.4, HDCP 2.2
Depth	14.5 cm
Height	6.89 cm
<b>Environmental Standards</b>	
ENERGY STAR Certified	Yes
<b>Manufacturer Warranty</b>	
Service & Support	Limited warranty - 3 years