



®

Model Number **GeForce GT 710 1GB VERTO (Low Profile)**

Description: **PNY GeForce GT 710 1GB DDR3 PCI-E 2.0 Low Profile Graphics Card**

Part No. **VCGGT710XPB**

Overview

Make your entire PC experience faster with the new NVIDIA® GeForce® GT 710 by PNY dedicated graphics card. Now, you can enjoy up to 10x better performance than integrated graphics in all your PC multimedia applications.

Take on modern games with advanced and reliable dedicated graphics. 80% faster performance* than integrated graphics means a rich and smooth gaming experience. Plus, get the power to drive up to three HD displays with a single card.

GeForce GT means speed, stability, and industry-leading NVIDIA drivers. Tap into GeForce Experience™ to automatically get the latest drivers and optimize game settings with a single click.

*Compared to Intel HD graphics

Specifications

Product Specifications

NVIDIA® CUDA Cores	192
Base Clock (MHz)	954
Boost Clock (MHz)	N/A
Memory Clock (Gbps)	1.6
Memory Amount	1GB DDR3
Memory Interface	64-bit
Memory Bandwidth (GB/sec)	12.8
TDP	19 W
Multi-Screen	3 Concurrent Screens
Outputs	Dual-link DVI-D, HDMI, VGA
Max Resolution	3840 × 2160 (Digital)
Aux Power Input	None
Bus Type	PCI-Express 2.0 x8
PNY Part Number	VCGGT710XPB
UPC Code	751492591698

KEY FEATURES

Single Slot and Low Profile Compact Design
Microsoft DirectX 12 support (feature level 11_0)
NVIDIA PhysX® technology
NVIDIA Adaptive Vertical Sync
NVIDIA FXAA™ technology
NVIDIA CUDA® technology with OpenCL™ support
OpenGL 4.5
Support for three concurrent displays including:

- HDMI
 - Dual-link DVI-D
 - VGA
- PCI Express 2.0 support

Features and Benefits

SMX

Next-generation streaming multiprocessor built from the ground up for incredible performance and power efficiency

NVIDIA® PureVideo® HD Technology

The combination of high-definition video decode acceleration and post-processing that delivers stunning picture clarity, smooth video, accurate color, and precise image scaling for movies and video.

TrueHD and DTS-HD Audio Bitstreaming

Full support for TrueHD and DTS-HD advanced lossless multi-channel HD audio codecs brings the rich sound of the master recording to your living room.

GeForce Experience™

Ensures the best gaming experience, the day a game releases, by automatically updating your game-ready drivers. Plus, GeForce Experience allows users to optimize the game settings to their PC with a single click

NVIDIA PhysX® Technology

Enables a totally new class of physical gaming interaction for a more dynamic and realistic experience with GeForce

NVIDIA Adaptive Vertical Sync

Dynamically enables vertical sync based on your current frame rates for the smoothest gaming experience

NVIDIA FXAA™ Technology

Shader-based anti-aliasing technology available from the NVIDIA Control Panel that enables ultra-fast anti-aliasing in hundreds of PC games

NVIDIA CUDA™ Technology

Unlocks the power of the GPU's processor cores to accelerate the most demanding tasks such as video transcoding, physics simulation, ray tracing, and more, delivering incredible performance improvements over traditional CPUs

HDMI

Support for HDMI including GPU accelerated Blu-ray 3D support, x.v.Color, HDMI Deep Color, and 7.1 digital surround sound

Dual-link DVI

Able to drive flat-panel displays up to 2560x1600 resolution over a DVI connector

Requirements:

1. PCI Express-compliant motherboard with one triple-width x16 graphics slot
 2. Minimum 300 W or greater system power supply (with a minimum 12 V current rating of 42 A)¹
 3. 300 MB of available hard-disk space
 4. 2 GB system memory (4 GB or higher recommended)
 5. Microsoft Windows 10, Windows 8, Windows 7, or Windows Vista Operating System (32 or 64-bit)
 6. CD-ROM/DVD-ROM drive or Internet connection
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- 1- Minimum system power requirement based on a PC configured with an Intel Core i7 3.2 GHz processor
 - 2- Graphics Card driver is not included in the box, GeForce Experience will download the latest GeForce driver from the Internet after install.

Package Includes

- NVIDIA® GeForce® GT 710 1GB graphics card
- GeForce Experience Disk 2
- Low Profile Brackets

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Warranty:

*One year warranty will be extended for an additional two years upon completion of product registration. Products can be registered on PNY's website at <http://www.pny.com>.