The GeForce® GTX 1650 is built with the breakthrough graphics performance of the award-winning NVIDIA Turing™ architecture. With up to 2X the performance of the GeForce GTX 950, it’s a supercharger for today’s most popular games, and even faster with modern titles.

This graphics card is designed to deliver a powerful combination of gaming innovation, next-gen graphics, and quiet, power-efficient operation. Easily upgrade your PC and get game ready with performance that’s up to 2X the GeForce GTX 950 and up to 70% faster than the GTX 1050 on the latest games.

**PRODUCT SPECIFICATIONS**

- **NVIDIA® CUDA Cores**: 896
- **Clock Speed**: 1410 MHz
- **Boost Speed**: 1590 MHz
- **Memory Speed (Gbps)**: 12
- **Memory Size**: 4GB GDDR6
- **Memory Interface**: 128-bit
- **Memory Bandwidth (Gbps)**: 192
- **TDP**: 75 W
- **NVLink**: Not Supported
- **Outputs**: DisplayPort 1.4 (x2), HDMI 2.0b
- **Multi-Screen**: Yes
- **Resolution**: 7680 x 4320 @60Hz (Digital)
- **Power Input**: One 6-Pin
- **Bus Type**: PCI-Express 3.0 x16

**SYSTEM REQUIREMENTS**

- PCI Express-compliant motherboard with one dual-width x16 graphics slot
- One 6-pin supplementary power connectors
- 300 W or greater system power supply
- 1.5GB available hard-disk space
- 4GB system memory (8GB recommended)¹
- Microsoft Windows® 10 64-bit (April 2018 Update or later), Windows 7 64-bit, Linux 64-bit
- Internet connection²

**PRODUCT INFORMATION**

- **PNY Part Number**: VCG16504D6DFPPB / VCG16504D6DFPPB1
- **UPC Code**: 751492637396
- **Card Dimensions**: 6.69” x 4.41” x 1.57”; Dual-Slot
- **Box Dimensions**: 12.39” x 2.26” x 7.13”

¹ 7680 x 4320 @60Hz RGB8-bit with dual DisplayPort connectors or 7680 x 4320 @60Hz YUV420 8-bit with DisplayPort 1.3 connector
² Recommendation is made based on PC configured with an Intel Core i7 3.2 GHz processor.
³ Pre-built system may require less power depending on system configuration.

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