

Packs a Punch

ASUS Exclusive Innovations

- The **ASUS Phoenix GeForce® GTX 1650** is built with the breakthrough graphics performance of the award-winning **NVIDIA Turing™ architecture** to supercharge your favorite games.
- Get **game ready** with performance that's twice as fast as the GeForce GTX 950 and up to 70% faster than the GTX 1050.
- **GeForce Experience** lets you capture and share videos, screenshots, and livestreams with friends, keep GeForce drivers up to date, and easily optimize your in-game settings.



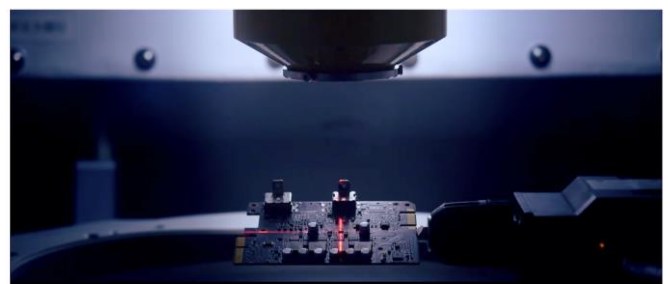
■ Dual Ball Fan Bearings

Dual ball bearings can last up to twice as long as sleeve-bearing designs.



■ Auto-Extreme Technology

An automated manufacturing process that enhances reliability.



ASUS Features

4GB GDDR5
Memory

- **4GB GDDR5 Memory:**
On-board memory for the best gaming experience & the best resolution.

GPU Tweak II
Real-time Graphics Tuning
and Live Streaming

- **Software Suite:**
Tweak performance with GPU Tweak II, stream games with XSplit Gamecaster, get a better connection to game servers with wtfast, and earn passive income with Quantumcloud.

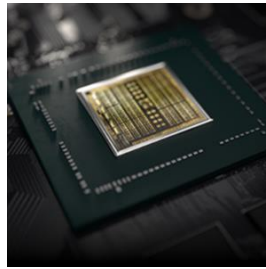
*Free 14-day premium XSplit Gamecaster.

Six-month wtfast premium license — a

USD\$53.95 value — to let user enjoy online gaming that's free from lag, latency and lost packets.



Graphics GPU Features



- **TURING SHADERS:**
Featuring concurrent execution of floating point and integer operations, adaptive shading technology, and a new unified memory architecture with twice the cache of its predecessor, NVIDIA Turing™ shaders enable awesome performance increases in today's games.



- **AWESOME PERFORMANCE:**
Easily upgrade your PC and get game ready with performance that's twice as fast as the GeForce GTX 950 and up to 70% faster than the GTX 1050 in the latest games.

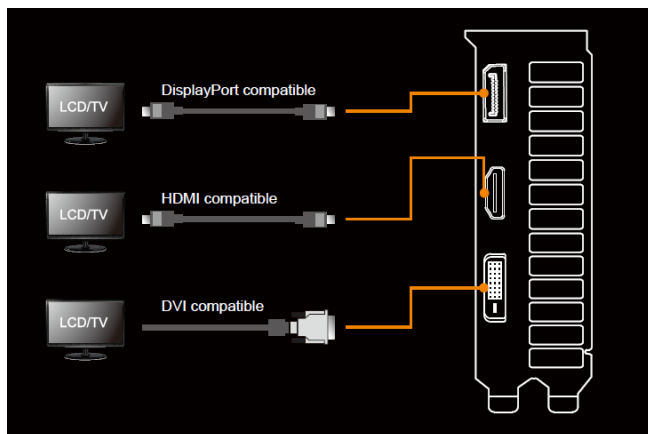


- **GEFORCE EXPERIENCE:**
GeForce Experience™ is the essential companion to your GeForce graphics card. Capture and share videos, screenshots, and livestreams with friends, keep your GeForce drivers up to date, and easily optimize your in-game settings.



- **NVIDIA® ANSEL:**
This powerful tool lets you take professional-grade screenshots of your games. Now, you can record and share your most brilliant gaming experiences with super-resolution, 360-degree, HDR, and stereoscopic capture modes.

I/O Specifications



- **MORE CREATING, LESS WAITING:**
Dedicated GPU power accelerates the creative apps you use every day. Combined with NVIDIA Creator Ready Drivers, you'll get additional performance and reliability to supercharge your creativity.

NVIDIA
G-SYNC

- **NVIDIA® G-SYNC™ TECHNOLOGY:**
For the smoothest and fastest gaming imaginable, eliminating screen tearing and minimizing display stutter and input lag.

Hardware Specification

Model	PH-GTX1650-4G
Graphics Engine	NVIDIA® GeForce® GTX 1650
CUDA cores	896
OpenGL	OpenGL® 4.5
Engine Clock	OC mode : 1695 MHz (Boost Clock) 1485 MHz (Base Clock) Gaming mode : 1665 MHz (Boost Clock) 1485 MHz (Base Clock)
Memory Interface	128 bit
Video Memory	4GB GDDR5
Memory Clock	8002 MHz
Power connectors	N/A
I/O	1x Native HDMI 2.0b 1x Native DisplayPort 1.4 1x Native DVI-D
HDCP compliant	HDCP 2.2
Digital Max Resolution	7680 x 4320
Maximum Display Support	3
SLI / Crossfire Support	N/A
Recommended PSU	300W
Accessory Bundled	N/A
Bus Standard	PCIe 3.0
Dimension	The card size is 19*11*3.8 cm The card size is 7.48*4.33*1.49 inches
Software Bundled	ASUS GPU Tweak II & Driver
Slot	2 slots
Note	- Specifications are subject to change without notice. - PCB color and bundled software versions are change without notice. - Brand and product names mentioned are trademarks of their respective company.

