GT640-2GD3

GT640 supports 4 HD displays and outstanding gaming experience

ASUS Exclusive Innovations

I/O Specifications

- **Super Alloy Power** provides 15% performance increase, 2.5 times longer product lifespan and 35^0C cooler operation.
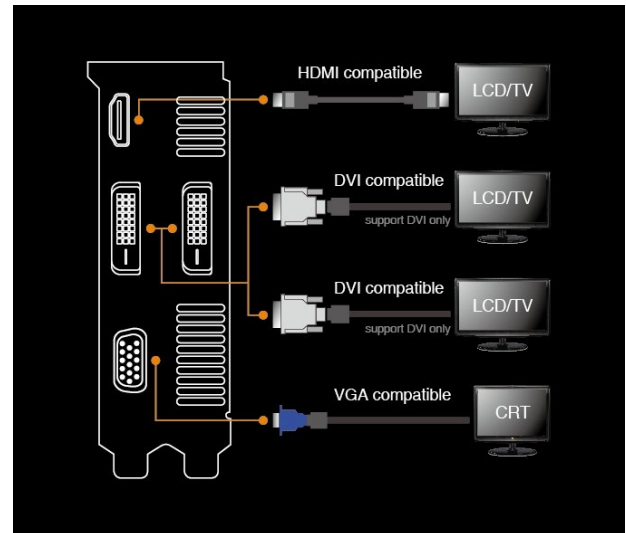

- **Support 4 HD displays** with Nvidia Surround® technology or to connect a 3D-enabled TV for a true cinematic Blu-ray 3D experience.

- Native HDMI
- Native D-sub
- Native Dual link DVI-D*2 (support DVI only)

- **ASUS GPU Tweak** Utility provides you Real-time and intuitive tweaking

ASUS Features

● 2GB DDR3 Memory:
On-board memory for the best gaming experience & the best resolution.

● GPU Tweak:
GPU Tweak co-developed with the most authoritative GPUZ to provide the most accurate information

Graphics GPU Features

● GeForce® GT640

● GeForce® CUDA Support:
Unlocks the power of GPU's processor cores to accelerate the most demanding system tasks

● NVIDIA PhysX ready:
Dynamic visual effects like blazing explosions, reactive debris, realistic water, and lifelike characters.

● NVIDIA 3D Vision™ Ready:
The only full 1080p HD solution for 3D games, 3D movies and 3D pictures

● Microsoft® DirectX® 11 Support:
Bring new levels of visual realism to gaming on the PC and get top-notch performance

● Microsoft® Windows® 7 Ready:
Enable PC users to enjoy an advanced computing experience and to do more with their PC

ASUS
Inspiring Innovation • Persistent Perfection

Hardware Specification

Model	GT640-2GD3
NDA Date	**6:00 p.m. Jun.4th, 2012 (PDT)**
Graphics engine	GeForce® GT640
CUDA cores	384
Bus standard	PCI Express® 3.0
OpenGL®	4.2
Video memory	2GB DDR3
Engine clock	901 MHz
Shader clock	1802 MHz
Memory clock	1782MHz (891MHz DDR3)
Memory interface	128 bit
DVI max. resolution	2560 * 1600
D-sub max. resolution	2048 * 1536
D-sub output	1 x D-sub
DVI output	2 x Dual-link DVI-D
HDMI output	1x Native HDMI
HDCP compliant	YES
Adapters/cables bundled	-
Software bundled	ASUS Utilities & Driver GPU Tweak
Dimension	The card size is 8.27" x 4.92"
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.