

# ENGT440/DI/1GD5

*Super Alloy Power pumps up your graphics muscle!*

## ASUS Exclusive Innovations

- **Super Alloy Power** blends select elements under ASUS exclusive formula, resulting in a 15% performance increase, 2.5 times longer product lifespan and 35°C cooler operation



- **822 MHz Overclock** for better performance and outstanding gaming experience.



## I/O Specifications

- Native HDMI
- DVI-I Output
- D-Sub Output



## ASUS Features



● **Gigantic 1GB GDDR5 Memory:**  
For the best gaming experience & resolution.

● **822 MHz GPU Overclocked**



● **ASUS Smart Doctor:**  
Your intelligent hardware protection and powerful overclocking tool (SmartDoctor application is available on the product page on ASUS website: [www.asus.com](http://www.asus.com))



● **ASUS Gamer OSD:**  
Real-time overclocking, benchmarking and video capturing in any PC game!



● **ASUS Splendid:**  
Watching movies on PC is as good as on Top-of-the-line consumer television

## Graphics GPU Features



● **GeForce® GT440**



● **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.



● **SLI Support:**  
Multi-GPU technology for extreme performance



● **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 Support:**  
Enable PC users to enjoy an advanced computing experience and to do more with their PC

## Hardware Specification

<b>Model</b>	<b>ENGT 440/DI/1GD5</b>
<b>NDA Date</b>	<b>6 a.m. Feb.1, 2011 (PST)</b>
<b>Graphics Engine</b>	GeForce® GT440
<b>Bus Standard</b>	PCI Express® 2.0
<b>Video Memory</b>	1GB GDDR5
<b>Engine Clock</b>	822 MHz
<b>CUDA Cores</b>	96
<b>Shader Clock</b>	1644 MHz
<b>Memory Clock</b>	3200MHz (800MHz GDDR5)
<b>Memory Interface</b>	128 bit
<b>DVI Max. Resolution</b>	2560 * 1600
<b>DSub Max. Resolution</b>	2048 * 1536
<b>D-sub Output</b>	YES X1 (Native)
<b>DVI Output</b>	YES X1 (Native DVI-I)
<b>HDMI Output</b>	YES X1 (Native)
<b>HDCP compliant</b>	YES
<b>Software Bundled</b>	ASUS Utilities & Driver
<b>Dimension</b>	The card size is 8.46" x 5.11" x 1.22" inches

- Specifications are subject to change without notice.
- PCB color and bundled software versions are change without notice.
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