

# ENGTX460 DirectCU TOP/2DI/768MD5

## **DirectCU Thermal Solution & Over-Clocked Edition!!**

#### **ASUS Exclusive Innovations**

I/O Specifications

 ASUS Exclusive Voltage Tweak Technology for up to 50% performance



- Native mini HDMI & HDCP Compliant
- Native Dual-link DVI-I
- HDMI via adapter
- D-sub via adapter

 ASUS Exclusive DirectCU Thermal Solution: Two 8mm flattened copper heat-pipes to contact GPU directly for up to 20% COOLER than generic GeForce GTX460.





#### **ASUS Features**

## **Graphics GPU Features**



## • Gigantic 768MB **GDDR5 Memory:**

For the best gaming experience & resolution.



● 700 MHz engine clock overclocked



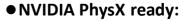
DVIDIA

SEFORCE

## GeForce CUDA **Support:**

GEFORGE

Unlocks the power of GPU's processor cores to accelerate the most demanding system tasks



Dynamic visual effects like blazing explosions, reactive debris, realistic water, and lifelike characters.



# PCI Express 2.0 support



protection and powerful overclocking tool





**Smar**t Doctor

#### • ASUS Gamer OSD:

Real-time overclocking. benchmarking and video capturing in any PC game!



## Microsoft® DirectX® 11 Support:

Bring new levels of visual realism to gaming on the PC and get top-notch performance



#### • ASUS Splendid:

Watching movies on PC is as good as on Top-of-the-line consumer television



#### Microsoft®

## Windows® 7 Support:

Enable PC users to enjoy an advanced computing experience and to do more with their PC



# • EMI Shield:

• GPU Guard:

Doubles structural

Effectively blocks 66% radiations to protect user's health and improve graphics clarity

reinforcement. Cracks free!



#### SLI Support:

Multi-GPU technology for extreme performance ode



#### • Fuse Protection:

Fuse Protection technology delivers double the over-current protection for risk-free computing.



## Take your games beyond HD

Dual-link DVI able to drive the industry's largest & highest resolution flat-panel displays up to 2560x1600







# **Hardware Specification**

Model	ENGTX460 DirectCU TOP/2DI/768MD5
Graphics Engine	GeForce GTX460
Bus Standard	PCI Express® 2.0
Video Memory	768MB GDDR5
Engine Clock	700 MHz
<b>CUDA Core Clock</b>	1400MHz
Memory Clock	3680MHz (920MHz GDDR5)
Memory Interface	192bit
DVI Max. Resolution	2560 * 1600
DSub Max. Resolution	2048 * 1536
DVI Output	2x Native Dual-link DVI-I
HDMI Output	1x Native HDMI (Mini HDMI)
D-Sub Output	1x via adapter
HDCP compliant	YES
Software Bundled	ASUS Utilities & Driver
Note	The card size is 9.46" x 4.73" inch

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