



ENGTS450 DIRECTCU/DI/1GD5

Enjoy Cool and Quiet Gaming Experience with Asus "Own Designed" ENGTS450 board

ASUS Exclusive Innovations

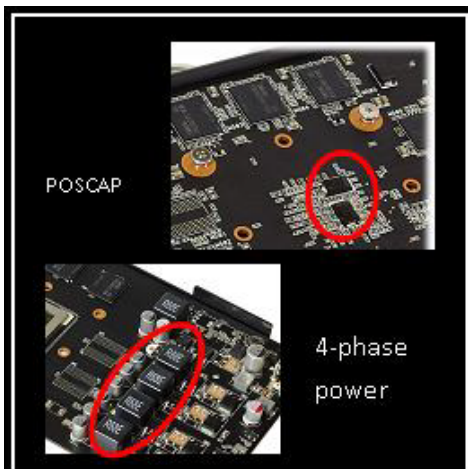
- **Powerful Thermal: DIRETCCU Thermal Solution** reaches **20% cooler** and **35% quieter**



- **Voltage Tweak** software can let users easily **boost performance by up to 50%**.



- **Armament materials of POSCAP** and **4-phase power** are used for better overclocking ability.





ASUS Features



● **Gigantic 1GB GDDR5 Memory**



● **PCI Express 2.0 support**



● **ASUS Smart Doctor:**
Your intelligent hardware protection and powerful overclocking tool



● **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.



● **GPU Guard:**
Doubles structural reinforcement. Cracks free!



● **EMI Shield:**
Effectively blocks 66% radiations to protect user's health and improve graphics clarity.



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

Graphics GPU Features



● **NVIDIA GeForce GTS450**



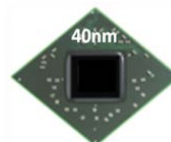
● **GeForce CUDA Support:**
Unlocks the power of GPU's processor cores to accelerate the most demanding system tasks.



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



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



● **40nm GPU:**
Less power consumption & more efficient transistor



● **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

Model	ENGTS450 DIRECTCU/DI/1GD5
Graphics Engine	NVIDIA GeForce GTS450
Bus Standard	PCI Express® 2.0
Video Memory	1GB DDR5
Engine Clock	783 MHz
Memory Clock	3608Mhz(902Mhz GDDR5)
Memory Interface	128 bit
DVI Max. Resolution	2560 * 1600
D-Sub Max. Resolution	2048 * 1536
D-Sub Output	X1
DVI Output	X1
HDMI Output	X1 (Native)
HDCP Compliant	YES
Software Bundled	ASUS Utilities & Driver / AIWI software
Dimension	The card size is 8.543 inches* 4.37inches

