ASUS

ASUS GT640-2GD3 graphics card NVIDIA GeForce GT 640 2 GB GDDR3

Brand : ASUS

Product code: GT640-2GD3

Product name : GT640-2GD3

GeForce GT 640 2GB, DDR3, 128-bit, 2 x DVI-D, HDMI, D-Sub

ASUS GT640-2GD3 graphics card NVIDIA GeForce GT 640 2 GB GDDR3:

Great value graphics with superior stability and 3D gaming.

- Premium alloys inside power delivery components defeat the heat for cards that run better, cooler, and longer than reference.
- GPU Tweak utility helps you modify and tune clock speeds, voltages, and fan performance via an intuitive interface.
- Drive up to four HD displays (up to three with NVIDIA Surround® technology), or connect to a 3D-enabled TV for a true cinematic 3D experience.
ASUS GT640-2GD3. Graphics processor family: NVIDIA, Graphics processor: GeForce GT 640, Processor frequency: 901 MHz. Discrete graphics card memory: 2 GB, Graphics card memory type: GDDR3, Memory bus: 128 bit, Memory clock speed: 1782 MHz. Maximum resolution: 2560 x 1600 pixels. DirectX version: 11, OpenGL version: 4.2, Dual Link DVI. Interface type: PCI Express 3.0. Cooling type: Active

Processor

CUDA *	✔
CUDA cores	384
Graphics processor family *	NVIDIA
Graphics processor *	GeForce GT 640
Processor frequency *	901 MHz
Shader clock	1802 MHz
Maximum resolution *	2560 x 1600 pixels
Graphics card RAMDAC	400 MHz
Parallel processing technology support *	Not supported
Maximum analog resolution	2048 x 1536 pixels
Maximum digital resolution	2560 x 1600 pixels
Stream processors	384

Memory

Discrete graphics card memory *	2 GB
Graphics card memory type *	GDDR3
Memory bus *	128 bit
Memory clock speed	1782 MHz
Memory bandwidth (max)	28.5 GB/s

Ports & interfaces

Interface type *	PCI Express 3.0
HDMI ports quantity *	1
HDMI version	1.4a
DVI-D ports quantity *	2
VGA (D-Sub) ports quantity	1
DVI ports quantity	2

Performance

PhysX	✔

Performance

Shader model version *	5.0
OpenGL version *	4.2
HDCP	✔
Dual Link DVI *	✔
NVIDIA 3D Vision	✔
Full HD	✔
Texture Fill Rate (TFR)	28.8 GTexel/s

Design

Cooling type *	Active
Form factor	Full-Height/Half-Length (FH/HL)
Bracket height	Full-Height (FH)
Number of slots	2

Power

Minimum system power supply *	350 W

System requirements

Windows operating systems supported	✔
Mac operating systems supported	✖
Linux operating systems supported	✔

Packaging content

User guide	✔

Other features

Mac compatibility	✖
HDMI	✔
Number of processors installed	1

Performance		Other features	
TV tuner integrated *	✖	Graphics card family	NVIDIA
DirectX version *	11	Maximum operating temperature	98 °C

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