

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

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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		Performance	
CUDA *	✓	Shader model version *	5.0
CUDA cores	384	OpenGL version *	4.2
Graphics processor family *	NVIDIA	HDCP	✓
Graphics processor *	GeForce GT 640	Dual Link DVI *	✓
Processor frequency *	901 MHz	NVIDIA 3D Vision	✓
Shader clock	1802 MHz	Full HD	✓
Maximum resolution *	2560 x 1600 pixels	Texture Fill Rate (TFR)	28.8 GTexel/s
Graphics card RAMDAC	400 MHz	Design	
Parallel processing technology support *	Not supported	Cooling type *	Active
Maximum analog resolution	2048 x 1536 pixels	Form factor	Full-Height/Half-Length (FH/HL)
Maximum digital resolution	2560 x 1600 pixels	Bracket height	Full-Height (FH)
Stream processors	384	Number of slots	2
Memory		Power	
Discrete graphics card memory *	2 GB	Minimum system power supply *	350 W
Graphics card memory type *	GDDR3	System requirements	
Memory bus *	128 bit	Windows operating systems supported	✓
Memory clock speed	1782 MHz	Mac operating systems supported	✗
Memory bandwidth (max)	28.5 GB/s	Linux operating systems supported	✓
Ports & interfaces		Packaging content	
Interface type *	PCI Express 3.0	User guide	✓
HDMI ports quantity *	1	Other features	
HDMI version	1.4a	Mac compatibility	✗
DVI-D ports quantity *	2	HDMI	✓
VGA (D-Sub) ports quantity	1	Number of processors installed	1
DVI ports quantity	2		
Performance			
PhysX	✓		

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

Catalog Object Cloud



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