



MSI R4650-D512 graphics card GDDR2

Brand : MSI

Product code: R4650-D512

Product name : R4650-D512

R4650-D512 - ATI Radeon HD 4650, PCI Express x16 2.0, GDDR2, 512 MB, 128bit

[MSI R4650-D512 graphics card GDDR2:](#)

Best Price and Performance

- 320 Stream Processors (2.7x more SP than previous ATI Radeon HD 3650's 120 SP)
- 2nd Generation DirectX 10.1 Architecture
- Support ATI CrossFireX™ technology

Energy Efficiency

- Up to 3X Performance per Watt compared with ATI Radeon HD 3650.
- 2nd Generation 55nm Process.
- Maximum Power Efficiency with ATI PowerPlay™ Technology.

HD Video Experience

- Accelerated Video Transcoding and Encoding (Need Cyberlink PowerDirector).
- 100% Offload CPU from MPEG-2/VC-1/H.264 playback.
- UVD 2.0 - Dual Stream Decode.
- HDMI with 7.1 Surround Sound Output.

MSI R4650-D512. Graphics card memory type: GDDR2, Memory bus: 128 bit, Memory clock speed: 1000 MHz. Maximum resolution: 2560 x 1600 pixels. DirectX version: 10.1, OpenGL version: 2.1, Dual Link DVI. Interface type: PCI Express 2.0. Cooling type: Active



Processor		Ports & interfaces	
Processor front side bus	600 MHz	VGA (D-Sub) ports quantity	1
Maximum resolution *	2560 x 1600 pixels	Performance	
Graphics card RAMDAC	400 MHz	DirectX version *	10.1
Memory		OpenGL version *	2.1
Graphics card memory type *	GDDR2	HDCP	✓
Memory bus *	128 bit	Dual Link DVI *	✓
Memory clock speed	1000 MHz	Design	
Ports & interfaces		Cooling type *	Active
Interface type *	PCI Express 2.0	Other features	
TV-out	✗	Mac compatibility	✗
		HDMI	✓

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