

e-GeForce4 MX 440-8X 64MB DDR PCI 064-P1-NV89



ATA GLANCE

- 256-bit GeForce4 MX 440-8X (275MHz clock)
- 64MB 64-bit 6ns 8x16 DDR Memory (200MHz clock - 400MHz effective)
- PCI 2.1 Compliant Interface
- PC 99 DB-15 analog connector (VESA DDC2B + DPMS)
- Integrated NVIDIA TV Encoder for TV Out (S-Video)
- 34 Million Triangles / Sec. (chipset spec)
- 1.1 Billion Texels / Sec. (chipset spec)
- 4.0GB per Second Memory Bandwidth



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2D/3D FEATURES

- NVIDIA Accuview™ Antialiasing - includes FSAA (2X, 4X, 4XS, and Quincunx)
- Integrated Hardware Transform and Lighting engine (T&L)
- NVIDIA Shading Rasterizer™
- True Reflective Bump Mapping
- Cube Environment Mapping
- 32-bit Color with 32-Bit Z/Stencil Buffer
- DirectX® and S3TC® texture compression
- High Performance 2D Rendering engine
- Multi-Buffering (Double, Triple, Quad)
- 2 dual-rendering pipelines
- 4 texels per clock cycle

OTHER FEATURES

- Lightspeed Memory Architecture™ II
- NVIDIA nView™ Multi-Display Technology
- NVIDIA Video Processing Engine™ (VPE)
- Integrated TV Encoder 10-Bit DAC
- Video Acceleration (DirectShow, MPEG-1, MPEG-2, Indeo, MS Bob and Weave)
- High-quality HDTV/DVD playback
- Integrated Dual 350MHz RAMDACs
- Integrated Dual-Channel TMDs Transmitters
- MPEG-2 Motion Compensation
- Interlaced video field support (5-tap horizontal, 3-tap vertical)
- Digital Vibrance Control™ (DVC)

RESOLUTION CHART

	8-Bit	16-Bit	32-Bit
640 x 480	240Hz	240Hz	240Hz
800 x 600	240Hz	240Hz	240Hz
1024 x 768	240Hz	240Hz	200Hz
1152 x 864	200Hz	200Hz	170Hz
1280 x 960	170Hz	170Hz	150Hz
1280 x 1024	170Hz	170Hz	150Hz
1600 x 1024	120Hz	120Hz	100Hz
1600 x 1200	120Hz	120Hz	100Hz
1920 x 1080	100Hz	100Hz	85Hz
1920 x 1200	100Hz	100Hz	85Hz
1920 x 1440	85Hz	85Hz	75Hz
2048 x 1536	75Hz	75Hz	60Hz

DRIVER SUPPORT

- AutoInstaller with ADM* Technology
- ResChanger©
- NVIDIA Unified Driver Architecture (UDA) (Windows 98/ME/NT 4.0/2000/XP)
 - Direct Draw
 - Direct3D
 - DirectVideo
 - DirectX
- Full OpenGL ICD for All Supported Operating Systems

DIMENSIONS

- height: 2.5in - 62mm
- length: 6.5in - 164mm

Refresh Rates shown are the highest obtainable and are monitor dependent.
Resolutions, pixel depths and refresh rates are driver dependent and may not be available in all applications or operating system.
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