

# e-GeForce4 MX 420 64MB

064-A4-NV68



## AT A GLANCE

- 256-bit GeForce4 MX (250MHz clock)
- 64MB 6ns 128-bit SDR Memory (166MHz clock)
- 2.7 GB per second Memory Bandwidth
- AGP 4X with Fast Writes and texturing support
- PC 99 DB-15 analog connector (VESA DDC2B + DPMS)
- Integrated NVIDIA TV Encoder for TV-Out
- 31 Million Triangles per Second (chipset spec)
- 1 Billion Texels per Second (chipset spec)



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## 2D/3D FEATURES

- Lightspeed Memory Architecture™ II
- NVIDIA Accuview™ Antialiasing - includes FSAA (2X, 4X, 4XS, and Quincunx)
- Integrated Hardware Transform and Lighting engine
- 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

- NVIDIA nView™ Multi-Display Technology
- NVIDIA Video Processing Engine™ (VPE)
- Integrated TV Encoder
- Integrated Dual 350MHz RAMDACs
- Video Acceleration (DirectShow, MPEG-1, MPEG-2, Indeo)
- High-quality HDTV/DVD playback
- Integrated Dual-Channel TMDs Transmitters

## 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

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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## 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: 3.4in - 85mm
- length: 6in - 153mm

2900 Saturn Street, Suite B Brea, CA 92821  
Phone: (888) 881-eVGA Fax: (714) 528-4501

Product Specs

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