



e-GeForce4 Ti 4200 64MB

064-A4-NV75



AT A GLANCE

- 256-bit GeForce4 Ti (250MHz clock)
- 64MB 4ns 128-bit DDR Memory (250MHz clock - 500MHz effective)
- 7.1GB per Second Memory Bandwidth
- AGP 4X with Fast Writes and Texturing support
- PC 99 DB-15 analog connector (VESA DDC2B + DPMS)
- 1.03 Trillion Operations per Second
- 113 Million Vertices per Second
- 4 Billion AA Samples per Second
- NVIDIA Reference Fan



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3D FEATURES

- nFiniteFX™ II Engine
- Lightspeed Memory Architecture™ II
- NVIDIA Accuview™ Antialiasing - includes FSAA (2X, 4X, 4XS, and Quincunx)
- Dual Programmable Vertex Shaders
- Advanced Programmable Pixel Shaders
- NVIDIA Shader Rasterizer™
- Hardware Accelerated Real-Time Shadows
- Dual Cube Environment Mapping
- 32-bit Color with 32-Bit Z/Stencil Buffer
- Multi-Buffering (Double, Triple, Quad)
- High Performance 2D Rendering engine
- Z-Correct, True Reflective Bump Mapping

OTHER FEATURES

- NVIDIA nView™ Mult-Display Technology
- High-Definition Video Processor (HDVP)
- Integrated Dual 350MHz RAMDACs
- Video Acceleration (DirectShow, MPEG-1, MPEG-2, Indeo)
- High-quality HDTV/DVD playback
- Integrated Hardware Transform and Lighting engine
- DirectX® and S3TC® texture compression
- 4 Dual-Rendering Pipelines
- 8 Texels per Clock Cycle

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: 4.25in - 108mm
- length: 7.1in - 180mm

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

Product Specs

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