



# e-GeForce4 Ti 4600 8X 128MB DDR 128-A8-NV84



## AT A GLANCE

- 256-bit GeForce4 Ti 8X (300MHz clock)
- 128MB 2.8ns 128-bit DDR Memory (325MHz clock - 650MHz effective)
- 10.4 GB per Second Memory Bandwidth
- AGP 8X/AGP 4X Compatibility
- PC 99 DB-15 analog connector (VESA DDC2B + DPMS)
- Philips SAA7108E for Video In (Capture)/Out
- DVI Connector for Analog/Digital Display
- 1.23 Trillion Operations per Second
- 136 Million Vertices per Second
- 4.8 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 Shading 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™ Multi-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: 3.9in - 98mm
- length: 8.5in - 215mm

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Product Specs

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