

# e-GeForce FX 5600 256MB DDR VIVO 256-A8-N318



## AT A GLANCE

- 256-bit GeForce FX 5600 (325MHz clock)
- 256MB 128-bit 4ns (16x16) DDR Memory 250MHz clock - 500MHz effective)
- AGP 8X/4X Compatibility (AGP 3.0 Compliant)
- PC 99 DB-15 analog connector (VESA DDC2B + DPMS)
- DVI-I Connector for Analog/Digital Display
- Video In/Out via S-Video & RCA Connectors
- 8.8 GB per second memory bandwidth
- 1.3 billion texels per second (est.)
- 81 million vertices per second (est.)



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## 2D/3D FEATURES

- NVIDIA CineFX™ Engine
- NVIDIA Intellisample Technology
- DirectX® 9.0 with Vertex Shader 2.0+ and Pixel Shader 2.0+ optimizations and support
- OpenGL® 1.4 optimizations and support
- Blistering-fast antialiasing performance
- 4 pixels per clock rendering engine
- 128-bit, studio-precision color
- Support for 128/64-bit floating point and 32-bit integer rendering modes
- Support for up to 16 textures per pass
- DirectX and S3TC® texture compression
- Multi-Buffering (Double, Triple, Quad modes)

## OTHER FEATURES

- NVIDIA nView™ multi-display technology
- NVIDIA Video Mixing Renderer (VMR)
- NVIDIA Digital Vibrance Control™ (DVC) 3.0
- 64-phase Video Scaler
- Video Acceleration (DirectShow, MPEG-1, MPEG-2, Indeo, MS Bob and Weave)
- True color 64x64 hardware cursor with alpha
- Optimized for 32, 24, 16, 15 and 8-bpp modes
- Integrated Full Hardware MPEG-2 Decoder
- Architected for Cg
- Support for sRGB texture format for gamma textures

## RESOLUTION CHART

	8-Bit	16-Bit	32-Bit
640 x 480	240Hz	240Hz	240Hz
800 x 600	240Hz	240Hz	240Hz
848 x 480	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
1360 x 768	170Hz	170Hz	150Hz
1600 x 1024	120Hz	120Hz	100Hz
1600 x 1200	120Hz	120Hz	100Hz
1920 x 1080	100Hz	100Hz	100Hz
1920 x 1200	100Hz	100Hz	100Hz
1920 x 1440	85Hz	85Hz	85Hz
2048 x 1536	85Hz	85Hz	85Hz

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 Universal Driver Architecture (UDA) (Windows® 98/ME/NT 4.0/2000/XP)
  - Direct Draw
  - Direct3D
  - DirectVideo
  - DirectX
- Full OpenGL 1.4 ICD for All Supported Operating Systems

## DIMENSIONS

- height: 4.12in - 103mm
- length: 6.72in - 168mm