



# Personal Cinema e-GeForce FX 5600 256MB 256-A8-N312-AX



## AT A GLANCE

- 256-bit GeForce FX 5600 (325MHz clock)
- 256MB 128-bit 4ns (16X16) DDR Memory (250MHz clock - 500MHz effective)
- AGP 8X/AGP 4X Compatibility
- DVI-I Connector for Analog/Digital Display
- Philips SAA7133HL for Video Capture In/Out
- Philips NTSC TV Tuner (coaxial out)
- 8.8 GB per second memory bandwidth
- 1.3 Billion texels per second (est.)
- 81 million vertices per second (est.)
- Digital Media Hub for Audio/Video Input/Output
- Supports component video (HDTV)



## 2D/3D FEATURES

- NVIDIA CineFX™ Engine
- 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
- Support for sRGB texture format for gamma textures
- DirectX and S3TC® texture compression

## OTHER FEATURES

- NVIDIA nView™ multi-display technology
- NVIDIA Video Mixing Renderer (VMR)
- Integrated Dual 350MHz RAMDACs
- 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
- Multi-Buffering (*Double, Triple, Quad modes*)

## 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.

## 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: 4.4in - 110mm
- length: 7in - 175mm

Personal Cinema - eGeForce FX 5600 256MB

www.evga.com - The Definitive VGA Online Community

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

Product Specs

120503