



e-GeForce FX 5900 Ultra 256MB DDR VIVO 256-A8-N328



AT A GLANCE

- 256-bit GeForce FX 5900 Ultra (450MHz Core Clock)
- 256MB 256-bit DDR Memory 425MHz clock - 850MHz 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
- 27.2 GB per second memory bandwidth
- 3.6 Billion texels per second (est.)
- 338 Million vertices per second (est.)



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2D/3D FEATURES

- NVIDIA CineFX™ 2.0 Engine
- NVIDIA Intellisample™ HCT Technology
- NVIDIA UltraShadow™ Technology
- DirectX® 9.0 with Vertex Shader 2.0+ and Pixel Shader 2.0+ optimizations and support
- OpenGL® 1.4 optimizations and support
- 8 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
- Blistering-fast antialiasing performance

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: 4.32in - 108mm
- length: 8.6in - 215mm

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Product Specs

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