



**e-GeForce 6800 Ultra  
256MB DDR3 TV-Out AGP  
256-A8-N345**



**AT A GLANCE**

- 256-bit GeForce 6800 Ultra (425MHz clock)
- 256MB 256-bit 1.6ns (8x32) DDR3 Memory (550MHz clock - 1.1GHz effective)
- AGP 3.0 Compliant
- Integrated NVIDIA TV Encoder (S-Video)
- Dual DVI-I Connectors
- 35.2 GB per second memory bandwidth



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**3D FEATURES**

- Superscaler 16-pipe architecture
- CineFX 3.0 Engine
- UltraShadowII Technology
- 64-bit texture filtering and blending
- Intellisample 3.0 Technology
- 128-bit Studio precision computation
- Full speed 32-bit color precision

**OTHER FEATURES**

- NVIDIA nView™ multi-display technology
- NVIDIA Video Processing Engine (VPE)
- Integrated Dual 400MHz RAMDACs
- Advanced Adaptive De-Interlacing
- NVIDIA Digital Vibrance Control™ (DVC) 3.0
- 64-phase Video Scaler
- True color 64x64 hardware cursor with alpha
- Optimized for 32, 24, 16, 15 and 8-bpp modes
- Dual Single-Link DVI Support
- Integrated Full-Hardware MPEG Support

**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

**DRIVER SUPPORT**

- AutoInstaller with ADM\* Technology
- ResChanger©
- NVIDIA Unified Driver Architecture (UDA) (Windows 2000/XP)
  - Direct Draw
  - Direct3D
  - DirectVideo
  - DirectX
- Full OpenGL ICD for All Supported Operating Systems

**DIMENSIONS**

- height: 3.99in - 88.4mm
- length: 8.5in - 215.9mm

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.  
\*Patent Pending. Property of EVGA.com Corp.

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

**Product Specs**