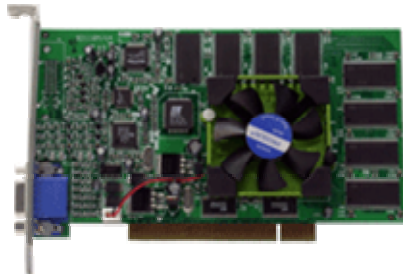


# Jaton Nvidia GeForce2 MX400 32MB PCI Video Card

Video-118PCI-32

## **SPECIFICATION**



- [High Performance & High Quality 3D Acceleration](#)
- [Display Memory Interface](#)
- [MPEG-2/1 Video Decoder](#)
- [High Performance 2D Acceleration](#)
- [Video Acceleration](#)
- [OS Support](#)

[Overview](#) ▶

## **High Performance & High Quality 3D Acceleration**

### **Second Generation GPU**

- Second generation transform and lighting (T&L) engine
- Integrated Dual-Link TMDS transmitters
- nVIDIA Shading Rasterizer (NSR)
- High-Definition Video Processor (HDVP)
- 32 MB SDRAM/SGRAM memory
- 32-bit color, 32-bit Z/stencil buffer
- 4 texels per clock
- 256-bit graphics architecture
- Cube environment mapping
- DirectX texture compression

### **Display Memory Interface**

Mentioned Above.

### **MPEG-2/1 Video Decoder**

- MPEG video playback support
- High-Definition Video Processor (HDVP) for full-screen, video playback of HDTV and DVD resolutions
- Independent hardware color controls for video overlay
- Hardware color space conversion (YUV 4:2:2 and 4:2:0)

### **High Performance 2D Acceleration**

Mentioned Below.

## Video Acceleration

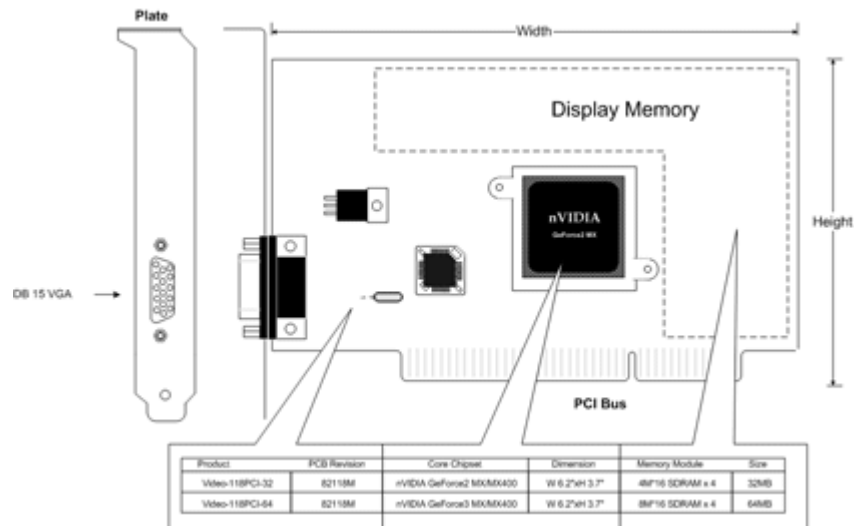
### Performance

- 700 million texel fill rate
- 20 million triangles/sec through T&L and setup
- 2.7 GB/sec memory bandwidth
- 32 MB frame buffer size
- Maximum 3D/2D resolution of 2048x1536@75Hz
- Supports RGB / TV output optional display
- Complete DirectX® 7, DirectX® 6 and DirectX® 5 support

### OS Support

- nVIDIA Unified Driver Architecture
- Industry's first fully compliant professional OpenGL 1.2 support for Windows® operating systems
- WHQL-certified Windows 2000, Windows NT®4.0, Windows 98

### PCB Layout Diagram



### Output Devices Connection Diagram