

## SynthaGram 204

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**SG204 - 20"**

### Display Specifications

<b>Resolution</b>	1600x1200 @ 60 Hz
<b>Display Area</b>	20.1" Diagonal
<b>Brightness</b>	250 cd / m <sup>2</sup>
<b>Contrast Ratio</b>	400:1 (typical)
<b>3D Viewing Angle</b>	100° horizontal
<b>2D Viewing Angle</b>	176° horizontal
<b>Recommended Viewing Distance *</b>	Close - 1.5 Feet Medium - 3 Feet Far - 6 Feet
<b>*adjustable in SynthaGram Player</b>	
<b>Video Input</b>	Digital: DVI-I
<b>Power</b>	Input: 100-240 VAC @ 50-60 Hz Universal Output: 70W typical
<b>Dimensions (w x h x d)</b>	17.6" x 18.9" x 10.5" with stand 17.6" x 13.6" x 2.8" without stand
<b>Weight</b>	18.7 lbs (with stand) 11.5 lbs (without stand)
<b>Power Management</b>	Meets Energy Star® and ENERGY standards
<b>Operating Systems Supported</b>	Windows 98/98SE/Me/2000/NT 4.0/XP
<b>Warranty</b>	One-Year

### Recommended Hardware

#### Computer

- Processor: 3GHz P4
- Motherboard: 800Mhz FSB, 512k Cache

- Memory: 512Mb PC3200x2 DDR (paired 256Mb memory modules)
- Hard Drive: SATA 10,000 rpm hard drive

### Operating System and Graphics Card

- Windows 2000/XP
- Direct X 9.0 or higher compliant Graphics Card
- Monitor resolution at 32 bit color capability
- AGP 2.0 compliant
- DVI-I connector
- 256 MB DDR memory
- Dual monitor capability

### General Recommendations

- Defragment the hard drive after copying files to the drive
- All content should be stored on local hard drive - not over a network or on a CD/DVD

A graphics card that is capable of both DirectX 9 Direct3D rendering and support for DirectX 9 VMR (Video Mixing Renderer) component.

You can verify DirectX 9 Direct3D rendering by using the DxDiag tool that comes with DirectX. Go to the Control Panel and select DirectX. On the DirectX tab select the DxDiag button. Verify that the "Direct 3D" button is selectable.

When the message "Unable to play movies using this graphics card and driver" appears, it is likely that the installed graphics card is unable to support the VMR component

Boards based of the following list of chipsets have been tested successfully for use with the SynthaGram Player:

#### Optimal Performance Cards

- ATI Radeon 9600 series
- ATI Radeon 9700 series
- ATI Radeon 9800 series

#### Good Performance Cards

- ATI Radeon 9000
- ATI Radeon 9500
- ATI FireGL X1
- ATI FireGL T2
- NVIDIA Quadro 4 700 GoGL
- NVIDIA GeForce 3 TI 500 or better
- NVIDIA Quadro 4 750/GL or better
- NVIDIA Quadro FX 1000
- NVIDIA Quadro FX 1100
- NVIDIA Quadro FX 2000
- NVIDIA Quadro FX 3000

Boards based on the following older list of chipsets will not work with the SynthaGram Player:

- ATI Radeon 7000
- ATI RV100
- ATI FireGL4
- NVIDIA TNT

- NVIDIA Riva128