QUICKSPECS

OPTION KIT

**Matrox Productiva G100
Quad Multi-Monitor
Series Graphics
Controller
101479-B21**

*The Matrox
Productiva G100
Quad Multi-Monitor
Series (MMS)
Graphics Controller is
a four-port solution
that has the ability to
support up to four
displays in a single
PCI slot.*

matrox

OVERVIEW

The Matrox Productiva G100 Quad Multi-
Monitor Series (MMS) Graphics Controller is a
four-port solution that has the ability to support
up to four displays in a single PCI slot. The
Matrox Productiva G100 Quad MMS Graphics
Controller is the perfect 2D solution for
financial traders, financial analysts, and
engineers in the field of Electronic Design
Automation (EDA) who require greater display
"real estate" without sacrificing multiple slots.

Performance –

Compaq continues to offer key 2D graphics
solutions for multi-display environments. Each
Matrox Productiva G100 Quad MMS Graphics
Controller supports 4MB of SGRAM per port,
for a total of 16MB per controller and four
MGA-G100 processors. In addition a robust
230MHz RAMDAC enables 24-bit, true color
support at resolutions as high as 1280x1024 per
display. Excellent performance and minimal
cost per display are also key attributes offered
by the Matrox Productiva G100 Quad MMS
solution.

Functionality and Uses

The Matrox Productiva G100 Quad MMS
Graphics Controller offered by Compaq is a
high-performance 2D graphics controller
targeted for financial traders, financial analysts,
and EDA environments where PCB design and
layout require more viewing space.

A perfect solution for those customers who
require greater than 2 graphics displays and
who are sensitive to PCI slot usage, the Matrox
Productiva G100 Quad MMS Graphics
Controller minimizes cost while providing solid
2D performance.

Compaq also supplies a unified driver from
Matrox that supports all Matrox graphics
controllers, this reduces system management
overhead and ensures ease of deployment in an
enterprise environment.

Other features include the ability to run
applications in 16.7 million true-color visuals at
resolutions up to 1280 x1024 and software
offering special window and desktop
management functionality.

Quality and Compatibility

Compaq has a solid reputation for delivering
high-quality, reliable enhancement products.

Compaq enhancement products are designed and
tested to rigorous specifications, including tough
qualification requirements for suppliers, stringent
performance specifications, and a thorough testing
process to ensure consistent quality from prototype to
production.

Service and Support

The Matrox Productiva G100 Quad MMS Graphics
Controller carries either a one-year warranty or the
remainder of the warranty period for the Compaq unit
in which it is installed, whichever is longer.

Round-the-clock support is offered by Compaq's
24x7 technical support hotline, and on-line support
forums are available on the Internet.

KEY SPECIFICATIONS

Horizontal Frequency	31-113 kHz
Vertical Frequency	60-200 Hz
Video	PS/2 Standard
Default	VGA Mode 3 (80 characters, 25 lines)
Controller	Matrox MGA-G100
Bus Type	PCI
RAMDAC	Integrated 230MHz
Memory Type	SGRAM
Memory Amount	4MB per port for total of 16MB (143MHz)
Maximum Memory	16 MB
Memory Speed	125 MHz
Data Path	64 bit
Controller Clock Speed	66 MHz
Max Vertical Refresh Rate	200 Hz
Max Horizontal Scan Rate	113.55 kHz
Max Pixel Clock	230 MHz
Compaq Products Supported	AP200, AP400, AP500, SP700
Operating System Support	Windows NT 4.0, 3.51 Windows 95, 98.

COMPAQ

RESOLUTIONS SUPPORTED

1600 x 1200	
Maximum Colors	65K
Maximum Refresh Rate Supported by Driver	75Hz
1280 x 1024	
Maximum Colors	16.7M
Maximum Refresh Rate Supported by Driver	100Hz
1152 x 864	
Maximum Colors	16.7M
Maximum Refresh Rate Supported by Driver	120Hz
1024 x 768	
Maximum Colors	16.7M
Maximum Refresh Rate Supported by Driver	140Hz
800 x 600	
Maximum Colors	16.7M
Maximum Refresh Rate Supported by Driver	180Hz
640 x 480	
Maximum Colors	16.7M
Maximum Refresh Rate Supported by Driver	180Hz