

MPE-106

MULTIMEDIA PLASMA DISPLAY SOLUTION



The MPE-106 is the latest in a line of commercial grade computer systems specifically designed to maximize the performance of plasma monitors used in continuous duty, public display applications. Developed in cooperation with a leading plasma manufacturer, the MPE-106, when mated with a plasma display, provides a self-contained, full screen, video/data, multi-media display solution. Applications such as video based, Point Of Sale Advertisements, multi-media Public Information Displays and interactive Product Demonstration Terminals are handled easily by the increased processing and display capabilities now available.

By combining the exceptional visual appeal of large screen plasma displays, the attraction of video and multi-media programming, the installation flexibility and cost savings of a self-contained system, plus enhanced system reliability through cooperative design, the combination of commercial plasma monitors and TTUFF Technology computers is revolutionizing the Public Display Industry.

FEATURES

- Full screen, high performance, video drive technology tailored specifically for plasma display applications
- Supports processor speeds from 300MHz - 1.2 GHz
Hardware video processing with up to 16 MB of dedicated video memory
- Supports 16:9 resolutions required by the latest medium and high resolution plasma and LCD displays.
- Supports VGA and DVI output
- Supports 4:3 ratio resolutions up to 1600X1200 at 65536 colors at 60 Hz
- Addressable by modem, 10/100 base-T Ethernet, or wireless lan
- Two USB ports for maximum connectivity
- Automatic resume in the event of a power failure
- Mounts directly onto the back of NEC PD series plasma displays for maximum performance and minimum installation effort
- Watch Dog Timer monitors systems operation and initiates corrective action if a problem should occur
- Fully compatible with current Microsoft OS and most Microsoft based remote presentation program software
- FCC-A CE, VCCI-A, ULc compliant



Sample output of Omnivex Display Software. Omnivex



vertical mounted plasma computer installation

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STANDARD FEATURES

Processor	
Socket Type	Supports FC-PGA/FC-PGA2 socket 370
CPU Type	Intel PentiumIII (Tualatin), Celeron from 450MHz to 1.26GHz or VIA C3 processors
BIOS	PnP BIOS support DMI Real-Time Clock/Calendar (RTC) AMI BIOS with PC98 support 2MB Flash ROM for easy upgrades Support ACPI, DMI, PnP, and Green Function Chipset VIA VT82C694T + VT82C686B
Chipset	VIA VT82C694T + VT82C686B
Display Interface	
Chipset	ATi Mobility M6-D AGP 4X graphic
Memory	Internal video memory 16MB
Type	CRT/DVI/Video-out/S-Video display interfaces supports CRT/DVI output for Plasma display 16:9 mode
Resolution	848x480, 852x480, 1280x720, 1280x768, 1360x768, 1365x768, 1024x1024 (TBD)
Decoding	Built in MPEGII Hardware Decoding
Ethernet	
Chip	Realtek RTL8100B, supports one IEEE 802.3 10/100BASE-T
Connector	One RJ-45 built-in LED

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STANDARD FEATURES

I/O ports	
Audio	Line-in, Line-out, Microphone-in ports
K/B & Mouse	PS/2 keyboard and mouse ports
Parallel Port	One parallel port, supports SPP/EPP/ECP mode
Serial Port	Two serial ports, COM1 and COM2 for RS-232
USB	Two USB ports, USB version 2.0 compliant
IEEE 1394	One IEEE 1394 port
PCMCIA	Supports single Cardbus slot and type I/II/III
Drive Bay	
Internal Device	One slim-type CD-ROM/DVD-ROM and one slim-type FDD
External Device	One 2.5" HDD
Watchdog Timer	1~63 seconds, software programmable
Environment Specification	
Power Supply	AC Input: 100V ~ 240V, 50~60Hz, 1.0ADC Output: 5 V/12V/-12V/3.3V120W Total, A TX Type
Operating Temperature	0~80°C (32~140°F)
Operating Humidity	0~90% relative humidity, non-condensing
Mechanical Specification	
Size	430 x 202 x 44 mm
Weight	Net Weight: 4.5 kg; Gross Weight: 5.5 kg

CONTACT INFORMATION

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