



# MPE-101

AIRPORT DISPLAY SOLUTION



I N T R O D U C I N G

## THE INDUSTRIAL DISPLAY COMPUTER SYSTEM DESIGNED FOR PLASMA & CRT MONITORS

The **MPE-101** is a commercial grade computer system that has been specifically designed to maximize the performance of both plasma and CRT based monitors in a wide variety of airport public display applications. Developed in cooperation with NEC Technologies, the MPE-101, when mated snugly into the back any of NEC's PD series of plasma monitors, provides a self-contained, display solution for applications such as FIDS, CUTE, Way-Finding, PID etc. Incorporated in North America's current largest plasma display installation, the MPE-101 is rapidly developing a reputation for both outstanding performance and reliability.

The Model MPE-101 is part of a family of public information display computer systems available from TTX Canada Inc. Contact our OEM Project Support Team for further details.

### FEATURES

- Slimmest (1U Height) compact PC base controller for Plasma Display
- High performance Intel Pentium-266 CPU
- Low Power Consumption, High Reliability
- Ideal self contained display solution when mated with NEC'S plasma monitor:  
Public Information Display in Airport, Station, Stadium, Exhibition Show, KIOSK, Education, Entertainment, Advertisement...
- Supports 16:9 ratio resolution:  
848x480 (True color) & 1360x765 (256 color)
- Supports 10/100 base-T Ethernet
- Supports 3D Audio
- Supports 1 x PCMCIA card slot for extension device (Modem , CD-ROM , HDD...) or PC-Card Flash disk
- Supports 1 x USB port
- Supports Watch Dog Timer
- Easy Access Front bezel
- M-system "Disk on chip" solid state disk socket reserved on board
- FCC-A, CE, VCCI-A compliance



- UP TO 140°  
TEMPERATURE  
DURABLE  
CONTINUOUS  
OPERATION
- SLIM LINE  
DESIGN IS  
TAILORED TO  
MOUNT ON  
THE BACK OF  
NEC PLASMA  
SCREENS  
AND CRT  
MONITORS
- PROVIDES  
A UNIQUE  
DISPLAY  
SOLUTION

See back for specifications and contact info.

# MPE - 101 SPECIFICATIONS

MPE-101 MAIN SYSTEM		
CPU	Processor	Intel P55C (MMX) Low Power
	Frequency	266 MHz
Cache		512KB pipelined burst SRAM
On board Interface	Ethernet	Ethernet 10/100 Base-T supported RJ-45 connector on board
	IDE Interface	One bus mastering EIDE mode 4, up to two devices Supports Ultra DMA/33
	Serial Port	One RS-232; (another One RS-232 and Two RS-232/422/485 reserved on board)
	Para Port	ECP/EPP/SPP (reserved on board)
	Mouse Connector	6-pin header for PS/2 mouse x 1
	Keyboard Connector	6-pin header for PS/2 keyboard x 1
	USB	One USB header
Main Memory	Default	64MB DIMM SDRAM Main
	Manufacturing Option	128MB DIMM SDRAM
Graphic	Chipset	C&T 69000 2MB
	Display	16:9 ratio : 848x480 (16.7M color) & 1360x765 (256 color) 4:3 ratio : 640x480, 800x600, 1024x768 (16.7M color)
Reserved I/O ports Connector at front bezel		One 9-Pin connector port (COM port) at front bezel One Ethernet RJ-45 One VGA connector at front bezel One USB port reserved at front bezel Audio ports: SPK, LINE IN, MIC PS/2 Keyboard and PS/2 Mouse connector
Display Indicator		Power LED indicator x 1 HDD LED indicator x 1
PCMCIA Device		Type I/II/III x 1 port, support Card Bus 16 bit

MPE-101 MAIN SYSTEM		
Switches	One Power on/off switch on front bezel One Reset Switch on front bezel	
	One Reset Switch on front bezel	
Disk On Chip	M-system Disk On Chip flash disk socket, 2MB to 144MB storage capacity	
Watchdog Timer	3-level (Hardware setting on main board)	
Sound Function	Supports full-duplex function Integrated 3D VBX stereo audio effects Meets PC98/99 and WHQL specifications	
Hardware Monitoring	Monitoring for CPU temperature, system temperature, voltage, CPU and chassis fan speeds	
Power Management	Supports PC97/98 ACPI	
System Power Supply	Input: 85V ~ 264V AC Output: 80W Total	
	Power Consumption	
Power Consumption		Under 30W (Based on Intel Pentium 266 MMX Low Power CPU)
"1U" System Dimensions (LxWxH)		430mm x 202mm x 44mm
Weight		N.W.: 4.5kg, G.W.: 5.5 kg
Environmental	Operating Temperature	0 ~ 60 degrees C ( 32 ~140 degrees F)
	Storage Temperature	-20 ~ 85 degrees C ( -4 ~ 185 degrees F)
	Relative Humidity	5%~85%, Non-condensing
	EMI	
O/S Support		Supports Windows 98 NT (OS, Software is not in standard package)

## ORDERING GUIDE

MPE-101N-A	MPE-101N with 64MB Memory + American L Type Power Cord
MPE-101N-A1	MPE-101N with 128MB Memory + American L Type Power Cord
MPE-101N-E	MPE-101N with 64MB Memory + European L Type Power Cord
MPE-101N-E1	MPE-101N with 128MB Memory + European L Type Power Cord
MPE-101N-B	MPE-101N with 64MB Memory + British L Type Power Cord
MPE-101N-B1	MPE-101N with 128MB Memory + British L Type Power Cord

## CONTACT INFORMATION

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