

MPE-4750(T)

47" All-in-one (Interactive) Digital Signage



Features

- 47" All-in-one Digital Signage with Industrial grade Engine box integrated.
- Intel Core 2 Dual CPU + Q965 + ICH8 Platform
- Display controlled by industrial pc mother board through RS232.
- IR touch integration
- Deliberated system integration solution.
- Stylish looking
- Support 1920x1080 HDTV content & 3D application
- PCI or PCI-express Slot for expansion
- RoHS compliance

Hardware Specification

LCD Panel

Resolution	1920x1080
Number of Pixels	2.1Mx (R,G,B)
Pixel Pitch(mm)	0.5415
Active Area(mm)	1039.68x584.82
Luminance(nits)	500
View Angle	(U/D/R/L,CR>20) 88/88/88/88
Contrast Ratio	2000:1
Color Depth	8bit (16.7M)
Response Time(ms)	6.5 (Gray to Gray)
Electrical Interface	2ch LVDS

Touch

Detection Form	Infrared rays interception detection form
Glass	3.2(+/-0.2)mm toughened glass
Linear Defects	SCRATCH < 0.15mm. bubbles ≤
Resolution Noh Play	4096(W) x 4096(D)
Detection Pace	2.985mm x 2.985mm
Output Format	Cordinate Output
Number of Optical Elements	174(W) x 98(D)
Optical Element Pace	5.97mm
Minimum Stylus Size	8mm

Storage

HDD	3.5" SATAII HDD drive bay x 1
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I/O Interface

Audio Jack	Line-in, Mic-in, Line out audio jacks
USB	USB 2.0 x 4
COM	RS232 x 1
KB/Mouse	PS/2 Connector x2 for keyboard/mouse
LAN	RJ-45 x 2 (Gigabit Ethernet)

Expansion

PCI-E mini card slot	x 1
PCI-Ex16	x 1
PCI-Ex1	x 1

Computing System

CPU	Socket 775, Intel Core 2 Duo Up to 2.66GHz (65W)
FSB	800MHz / 1066MHz
Chipset	Intel® Q965 chipset: •Intel Q965 Graphic Memory Controller Hub (GMCH) •Intel ICH8 I/O Controller Hub
BIOS	4Mb AWARD Flash BIOS
VGA	Intel Q965 integrated graphic subsystem (GMA3000)
Audio	Realtek ALC268 AC97 Audio Codec 2+2 channels
LAN	Realtek 8111B Giga LAN x 2
Memory	Two 240-pin DDRII 533/667/800 DIMM sockets (dual channels), supports max. 4 GB system memory
I/O	ICH8
GPIO	8-bit input, 8-bit output (5V) (pin head design in)
Serial ATA	Port x 4
WDT	1~255 minutes, software programmable

Surface Treatment

Color of Rear Casing	Black
Color of Front Panel	Black
Surface	Texture with smooth

Housing Materials

SECC

CONTACT INFORMATION

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Bottom I/O cover



Side I/O cover