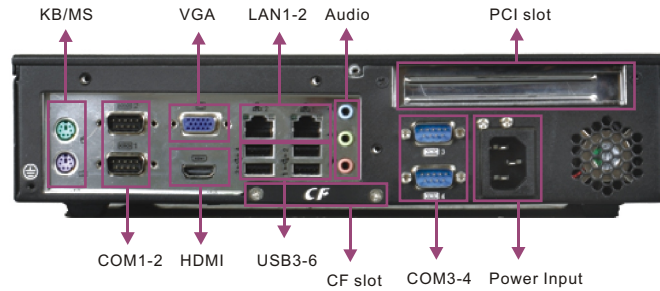


MEC-7001

AMD Dual-core Digital Signage Embedded PC



USB1-2
Power button



Specifications

System	
Processor	Supports AMD Sempron Mobile3700+2.0G(Single-Core) or AMD Turion™ 64 Mobile TL-62 2.1G(Dual-Core)
Chipset	AMD M690E + SB600 chipset
Memory	2 x 200-pin SODIMM, DDR 533/667 MHz up to 4GB
Expansion Interface	1 x PCI slot
Storage	
IDE	1 x 44-pin ultra ATA 100 interface
Serial ATA	Supports 4 x SATAII port, RAID0, 1, 10
Floppy	N/A
CF	1 x CompactFlash socket type I/II(optional)
DOC/DOM	N/A
I/O Interface	
USB	6 x standard USB 2.0 port, 2 of which are in the front
Serial Port	3 x RS-232 and 1 x RS-232/422/485 serial port
Parallel Port	1 x LPT(Reserved)
IrDA	N/A
GPIO	N/A
Audio	Supports 1 x Speaker-out, 1 x Mic-in and 1 x Line-in
Display	
Chipset	The chipset integrates x1250 graphics processing core
Memory	128MB shared memory
Resolution	N/A
Dual Display	Supports VGA, 24-bit LVDS and HDMI, and dual display of VGA+LVDS, VGA+HDMI

Features

- Supports AMD Sempron Mobile3700+2.0G(Single-Core) or AMD Turion™ 64 Mobile TL-62 2.1G(Dual-Core)
- 2 x 200-pin SODIMM, DDR 533/667 MHz up to 4GB
- Supports 1 x HDD space, suitable for one IDE laptop HDD or one SATAHDD
- Supports 2 x 10/100/1000Mbps interface
- Supports 6 x USB 2.0, 4 x series port, 1 x VGA, 1 x HDMI

Ethernet

Chipset	2 x Realtek RTL8111C Ethernet controller
Speed	2 x 10/100/1000Mbps
Connector	2 x RJ45

Mechanical and Environmental

Dimensions	300.00mm (W) x 275.00mm (D) x 68.00mm (H)
Reliability	MTBF ≥ 50000h; MTTR ≤ 0.5h
Operating Temperature	0 C~50 C
Storage Temperature	-20 C~70 C
Operating Humidity	20%-93%, 40 C non-condensing

Power

Power Supply	200W ATX power supply
Power Consumption	N/A

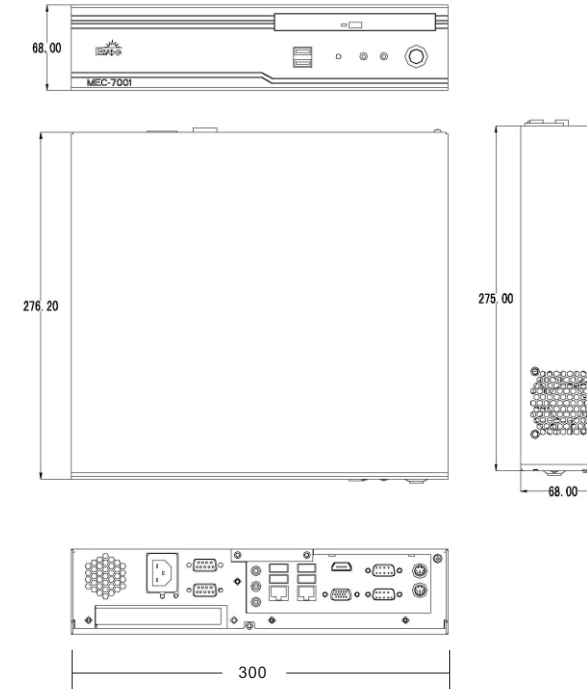
Operating System

Windows OS	Windows 98SE/Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded/Window CE

Test

Vibration	5-17Hz/1.0mm amplitude; 17-200Hz/1.0g acceleration
Shock	10g acceleration, 11ms duration
EMC/EMI	GB9254-1998 Class A

Dimensions



Unit: mm

Available Accessories

Part Number	Name	Description	Qty.
2360-003671	AC power supply cable/RoHS	Length: 1500mm/USA standard/821	1
—	Setup Guide/RoHS	AMI BIOS Setup Guide (for Core/8)	1
—	User Manual/Chinese and English/RoHS	MEC-7001/Long March series	1
—	Driver CD/protective film/RoHS	Long March series MEC-7001	1
2330-000041	Jumper/RoHS	2.54mm pitch, blue	2
1481-024811	L-shape bracket/MEC-7001/RoHS	Blank/270x55x2.0/Silver coating and pure black sand streaks	2
2391-004170	Pad	Φ3xΦ7x1.0/nickel plating	8
2391-005701	Screw/RoHS	Truss head M3x4/MPW3x4-NI/GB9074.1-88/black	8

Ordering Information

Part Number	Model Number	Description
0010-017020	MEC-7001-01/1G memory/160G HDD	Complete PC: Sempron 2.0G/1G/160G/24X ultra-slim optical drive/EC7-1842LD2NA/220W/MEC-7001
0010-017030	MEC-7001-02/1G memory/1G CF card	Complete PC: Sempron 2.0G/1G/1G CF card/24X ultra-slim optical drive/EC7-1842LD2NA/220W/MEC-7001
0010-017040	MEC-7001-03/2G memory/160G HDD	Complete PC: Sempron 2.0G/2G/160G/24X ultra-slim optical drive/EC7-1842LD2NA/220W/MEC-7001
0010-017050	MEC-7001-04/2G memory/1G CF card	Complete PC: Sempron 2.0G/2G/1G CF card/24X ultra-slim optical drive/EC7-1842LD2NA/220W/MEC-7001
0020-037110	MEC-7001/no power/no backplane	Empty chassis
0060-002780	MEC-7001-PCI	I/O panel
0060-002781	MEC-7001-PCI	I/O panel/RoHS