

# WPA-780A

## Rugged Compact AMD Athlon 64 X2 Fanless Signage Engine Box



### Features

- Compact, rugged digital signage player box PC
- Fanless operation with temperature monitoring & under-clocking
- High performance AMD Athlon™64 X2 dual core processor
- AMD 780E + SB710 chipset Platform, 800 MHz FSB
- Powerful ATI Radeon HD3200 graphics core w/ 128M GDDR3 memory
- 4 GB maximum system memory, dual-channel, DDR2-800 SODIMM
- SATA II interface for HDD
- Mini PCI-e expansion slot
- DVI and optional HDMI outputs
- Optional mini PCI-e wireless LAN kit, 802.11 a/b/g/n



### System

<b>CPU</b>	AMD Athlon 64 X2 3400e 1.8G, Athlon 64 2600+ 1.6G AMD AM2 Socket
<b>FSB</b>	800MHz
<b>Chipset</b>	AMD 780E + SB710
<b>BIOS</b>	8Mb, Award Flash BIOS
<b>VGA</b>	Integrated ATI Radeon HD3200 core w/ 128MB GDDR3 memory
<b>Audio</b>	HDMI HD audio, Realtek ALC268 AC97
<b>LAN</b>	Marvell 88E8071 Gigabit LAN x 1
<b>Memory</b>	4GB maximum, dual-channel, DDR2-800 SODIMM, slot x 2
<b>I/O</b>	AMD SB710
<b>Serial ATA</b>	SATA II controller (3.0Gb/sec) port x 2
<b>Mini PCIe</b>	Mini PCI express slot x 1
<b>WDT</b>	1-255 second/minutes, software programmable

### External I/O

<b>USB</b>	USB 2.0 external x 6
<b>COM</b>	DB-9 x 1, RS-232/422/485
<b>LAN</b>	RJ-45 x 1 (Gigabit Ethernet)
<b>Audio</b>	Mic-in, Line-in, Line-out audio jacks
<b>DVI</b>	DVI-I x 1
<b>HDMI</b>	HDMI 1.3a x 1 (optional)
<b>DC-in</b>	Lock type

(Optional AV-in connector w/ additional internal video capture circuitry)

### Power

<b>Power</b>	External power supply, universal 90~264VAC, 50/60Hz
<b>DC Out</b>	12V

### Mechanical & Environmental

<b>Color</b>	Silver or black
<b>Operating Temperature</b>	0°C ~ 40°C
<b>Storage Temperature</b>	-20°C ~ 80°C
<b>Operating Humidity</b>	10 ~ 90%, non-condensing
<b>Storage Humidity</b>	10~90%, non-condensing
<b>Dimension (W x H x D)</b>	295 x 38 x 200 mm (w/o base bracket)
<b>Weight</b>	4.5 kg (w/o power adaptor)

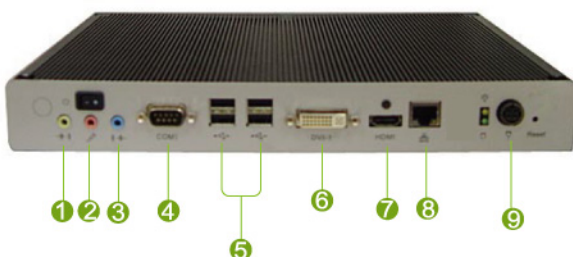
### Storage

**HDD** 2.5" SATA II HDD drive bay x 1

### Expansion

**Mini PCIe** Single 52-pin card-edge type, x 1

### Fully-integrated I/O

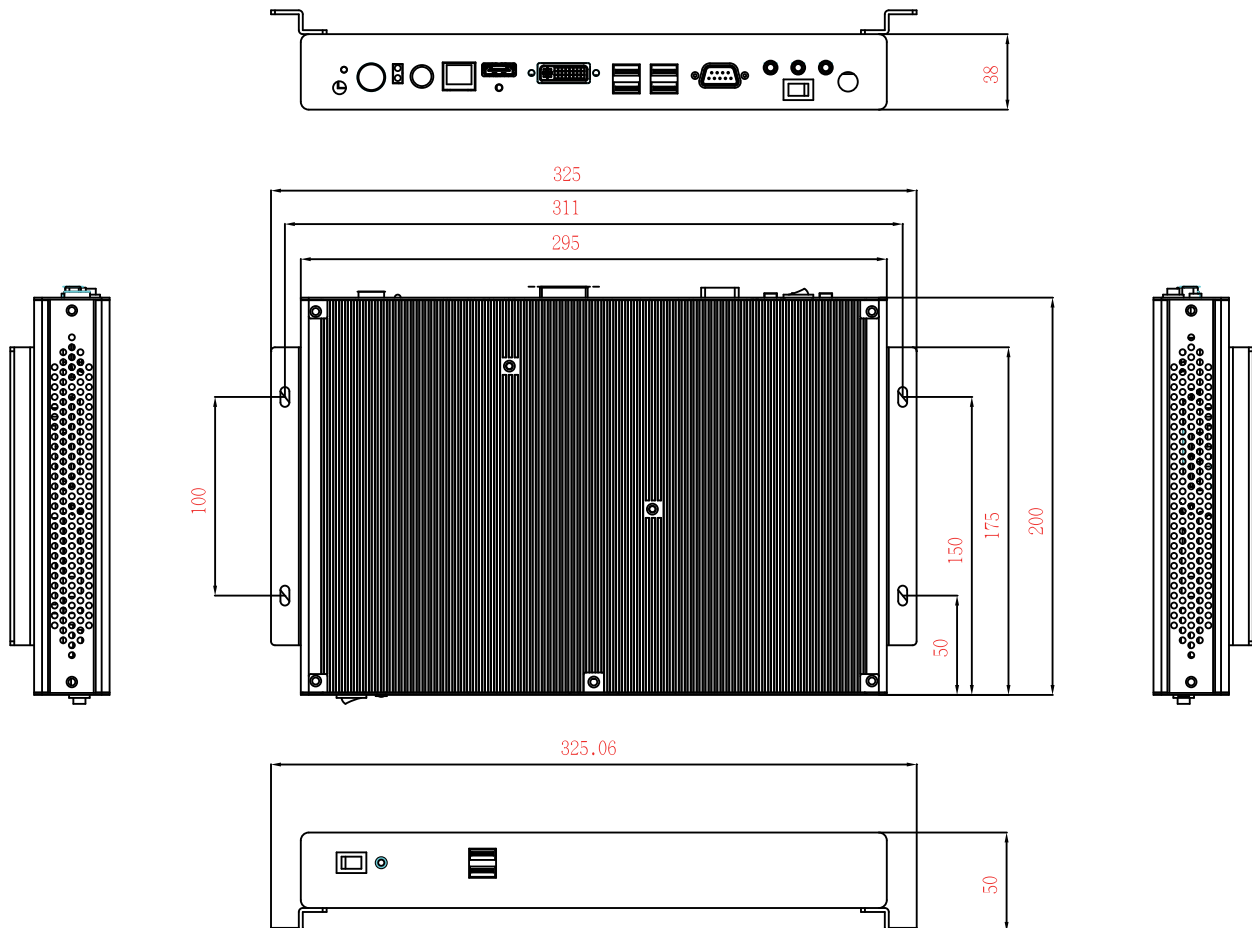


- 1 Line-out
- 2 Mic-in
- 3 Line-in
- 4 RS232/422/485
- 5 USB 2.0
- 6 DVI-I
- 7 HDMI (optional)
- 8 LAN
- 9 DC-in

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## ○ Drawing - with base bracket



## ○ Option Features

- Mini PCI-e wireless LAN 802.11 a/b/g/n

## ○ Regulatory

- FCC-A, CE, VCCI, UL/cUL

## ○ Ordering information

1. WPA-780A-3400e 1.8-1G-160G
2. WPA-780A-2600+ 1.6-1G-160G



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