

# ACE-S7300

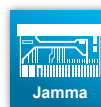
AMD 780E All-in-One JAMMA Gaming System



## Features



- AMD 780E Integrated Radeon graphic controller
- Supports DX10.0 & OpenGL 3.3
- JAMMA interface
  - 1MB battery backup SRAM (max. 2MB)
- 6W stereo Amplifier
- Timer & Meter pulse generator
- Intrusion Logger
- max 4 display

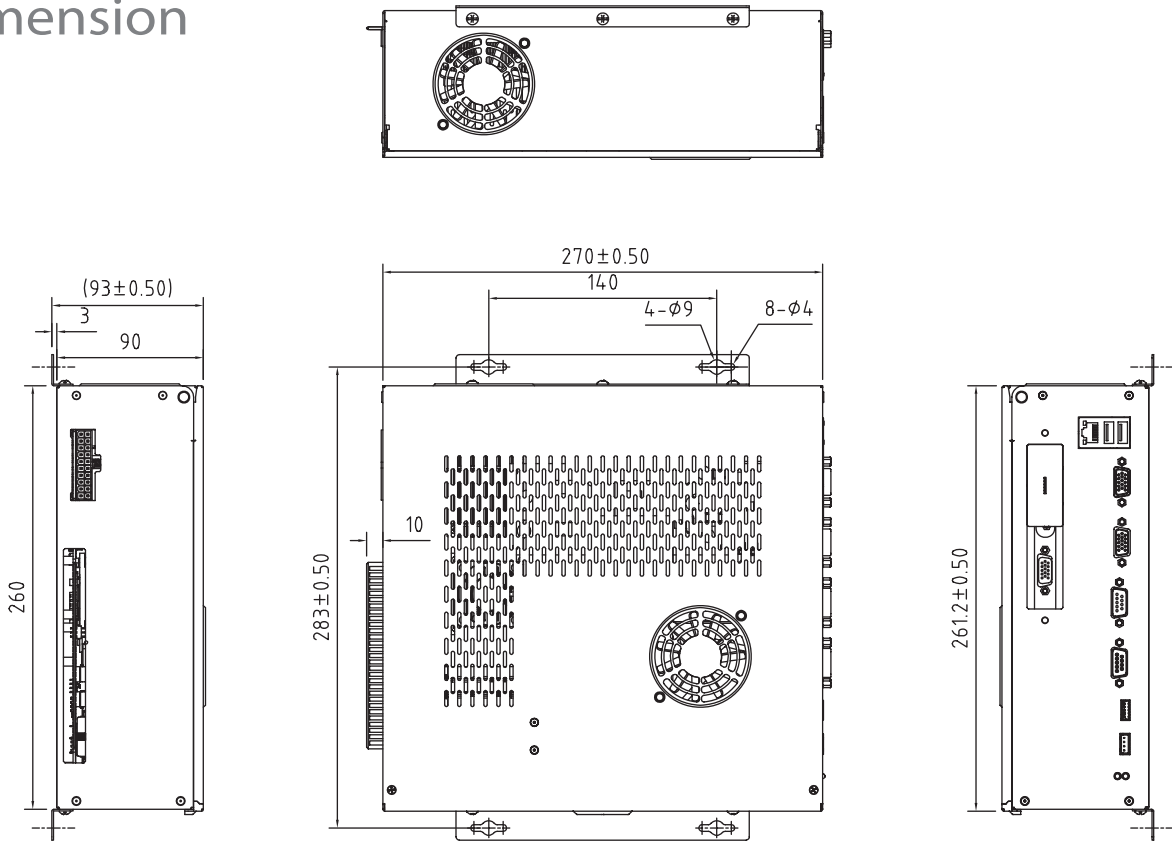


## Specification *Invention Patent I334065*

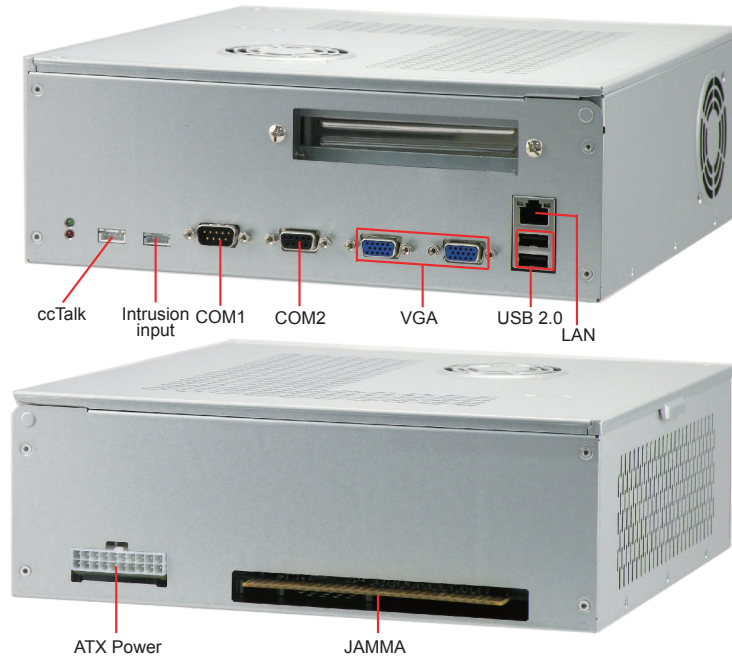
Specification	
<b>CPU</b>	On-board AMD 1.5GHz Single Core or Dual Core processor
<b>Chipset</b>	AMD 780E + SB710
<b>Memory</b>	Dual DDR2 800MHz SO-DIMM Socket, up to 4GB DDR2
Video	
<b>Graphic Controller</b>	Integrated AMD Radeon HD 3200 graphic controller, supports DX10.0 & OpenGL 3.3
<b>Video Memory</b>	Shared Memory
<b>Video Interface</b>	2 x VGA DB15 Connector
<b>Expansion Slot</b>	1x PCI-E x16 slot
Storage	
<b>SATA</b>	2 x SATA
<b>CF</b>	1 x Compact Flash Type I/II socket
Communication	
<b>Ethernet</b>	1 x GbE LAN with RJ45
<b>USB</b>	4 x USB 2.0 (2 x external, 2 x internal)
<b>Serial Port</b>	<ul style="list-style-type: none"> <li>● 1 x RS-232 with female DB9 for AAMS</li> <li>● 1 x RS-232 with male DB9</li> <li>● 1 x ccTalk on JAMMA with 12/24 V power</li> <li>● 1 x 4-pin ccTalk connector</li> </ul>
Audio	
<b>Output</b>	Stereo output on JAMMA
<b>Amplifier</b>	6 Watt per channel
Other feature	
<b>Indicator</b>	HDD and power LED
<b>WatchDog Timer</b>	1 to 255 seconds programmable

Gaming I/O	
<b>I/O Interface</b>	JAMMA golden finger
<b>Digital Input</b>	<ul style="list-style-type: none"> <li>● 11 x 5KV optical isolated input</li> <li>● 6 x door input (TTL)</li> <li>● Programmable debounce time</li> <li>● State Change interrupt</li> </ul>
<b>Digital Output</b>	<ul style="list-style-type: none"> <li>● 12 x 500 mA outputs</li> <li>● 3 x 1000 mA</li> <li>● Meter outputs support pulse generator</li> </ul>
<b>Readable DIP Switch</b>	8-bit (Optional)
<b>Timer</b>	4 x 16-bit programmable timer
<b>SRAM</b>	1MB, optional 2MB
<b>EEPROM</b>	1KB
<b>Intrusion Logger</b>	<ul style="list-style-type: none"> <li>● 6 x anti-temper inputs</li> <li>● SRAM battery low detections</li> <li>● Power and Reset event</li> </ul>
<b>Smart Card Reader</b>	On board smart card reader
<b>Secured Real Time Clock</b>	Password protected
Power Requirement	
<b>Power Input</b>	5V & 12V for system, 24V for ccTalk
<b>Power Consumption</b>	70 Watts
Software	
<b>Software</b>	<ul style="list-style-type: none"> <li>● Device driver</li> <li>● Application Program Interface (API)</li> <li>● Demo program</li> </ul>
<b>Development Kit</b>	
<b>OS Support</b>	Windows 7, Windows XP, XP Embedded & Linux
Mechanical & Environment	
<b>Thermal Design</b>	1 x CPU fan, 2 x system fan
<b>Dimension</b>	270 mm x 260 mm x 89 mm (10.63" x 10.236" x 3.504")
<b>Operating Temp.</b>	0 ~ 60°C (32 ~ 140°F)
<b>Storage Temp.</b>	-20 ~ 80°C (-4 ~ 185°F)
<b>Relative Humidity</b>	0 to 90% @ 40°C, non-condensing
<b>Safety</b>	CE, FCC class A

## Dimension



## I/O Connector



### Ordering Information

<b>ACE-S7300L325</b>	ACE-S7300 with AMD L325 1.5GHz Dual Core processor
<b>ACE-S7300U210</b>	ACE-S7300 with AMD 210U 1.5GHz Single Core processor

### Packing List

- ACE-S7300 x 1
- Software Driver CD x 1
- ACE-S7300 quick user's manual x 1
- Mounting bracket x 2