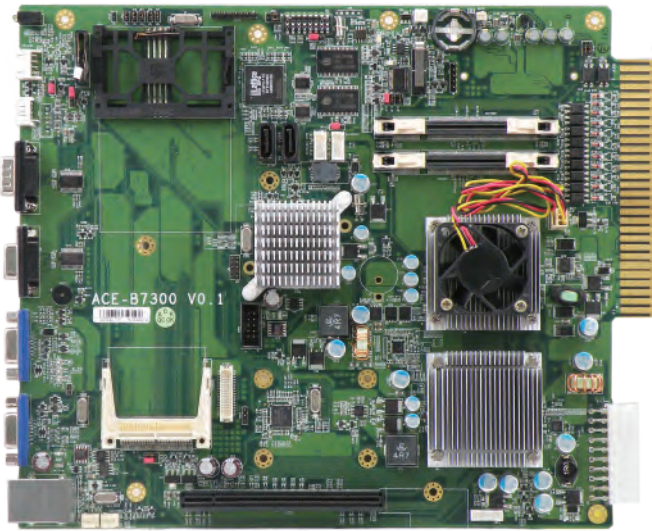


ACE-B7300

AMD 780E All-in-One JAMMA Gaming Box

Gaming Platform



Features

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



Specification

Invention Patent I334065

Specification

CPU	On-board AMD 1.5GHz Single Core or Dual Core processor
Chipset	AMD 780E + SB710
Memory	Dual DDR2 800MHz SO-DIMM Socket
Video	
Graphic Controller	Integrated AMD Radeon HD 3200 graphic controller, supports DX10.0 & OpenGL 3.3
Video Memory	Maximum 512MB
Video Interface	2 x VGA
PCI Express Slot	1x PCIe x16 slot
Storage	
SATA	2 x SATA
CF	1 x Compact Flash Type I/II socket
I/O	
Ethernet	1 x Gbps LAN with RJ45
USB	4 x USB2.0 (2 x external, 2x internal)
Serial Port	<ul style="list-style-type: none"> ● 1 x RS-232C with female DB9 for AAMS ● 1 x RS-232 with male DB9 ● 1 x ccTalk on JAMMA and JST connector (with +12/24V power)
Audio	
Output	Stereo output on JAMMA
Amplifier	6 Watt per channel
Other feature	
Indicator	HDD and power LED
Fan connector	3 x 12V fan connectors
WatchDog Timer	Software programmable 1~255 sec.

Gaming Function

I/O Interface	JAMMA golden finger
Digital Input	<ul style="list-style-type: none"> ● 11 x 5KV optical isolated input ● 6 x door input (TTL) ● Programmable debounce time ● State Change interrupt
Digital Output	<ul style="list-style-type: none"> ● 12 x 500 mA outputs ● 3 x 1000 mA ● Meter outputs support pulse generator
Readable DIP Switch	8-bit, optional
Timer	4 x 16-bit programmable timer
SRAM	1 M bytes, optional 2 M bytes 500mAh re-chargable battery
EEPROM	1 K bytes
Event Logger	6 x anti-temper inputs SRAM battery low Power and Reset event
Smart Card Reader	On board smart card reader
Secured Real Time Clock	Password protected
Software Security	iButton socket, optional ProtectU

Power Requirement

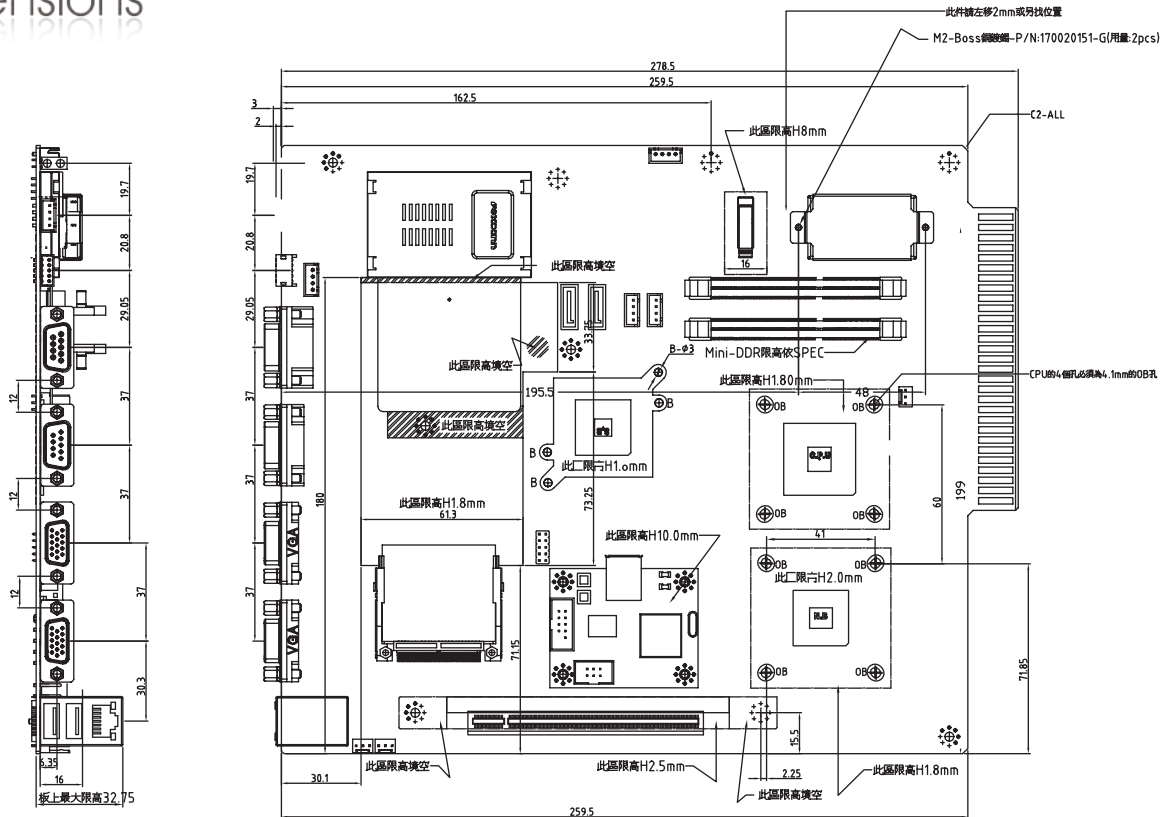
Power Input	5V & 12V for system, 24V for ccTalk
Power Consumption	70 Watts

Software

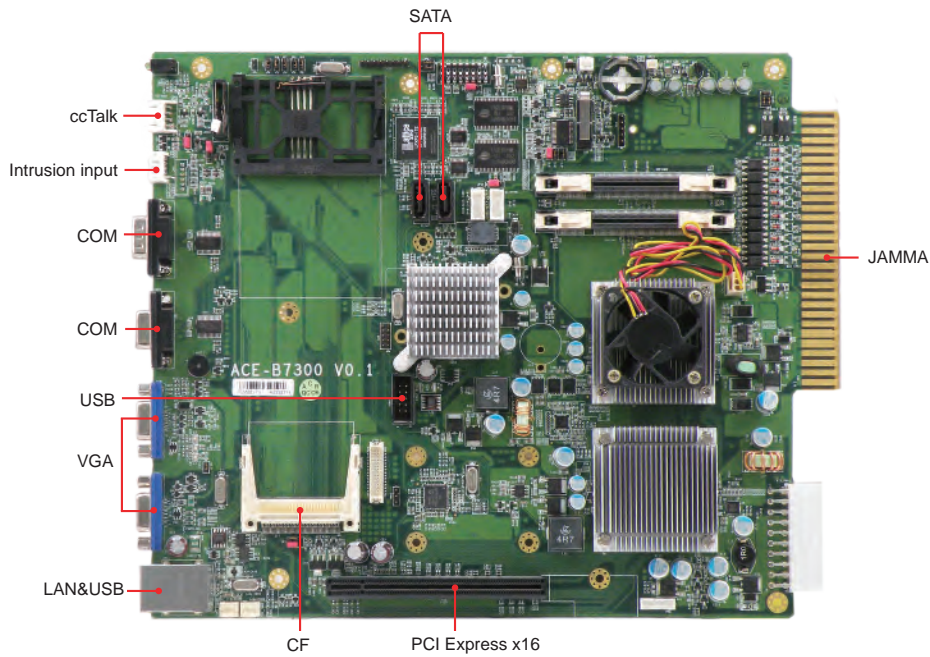
Software Development Kit	<ul style="list-style-type: none"> ● Device driver ● Application Program Interface (API) ● Demo program
OS Support	Windows 7, Windows XP, XP Embedded & Linux

Mechanical & Environment

Dimension	260 mm x 230 mm (10.236" x 9.055")
Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Storage Temp.	-20 ~ 85°C (-4 ~ 185°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	CE, FCC class A



I/O Connectors



Ordering Information

- ACE-B7300L325** ACE-B7300 with AMD L325 1.5GHz dual core processor
- ACE-B7300U210** ACE-B7300 with AMD 210U 1.5GHz single core processor