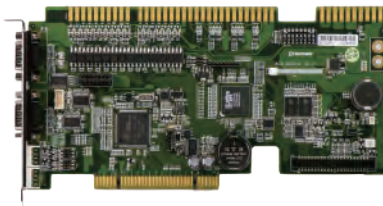


ACE-MINI

Mini ITX Chassis with I/O Card for International Gaming System

Gaming Platform



ACE-B2019A

* Motherboard is optional

Features

- Mini-ITX Chassis with PCI Gaming I/O Card
- Suitable for any Mini-ITX Motherboard with PCI Slot
- Standard 8-liner (72-pin plus 10-pin) Interface
- 30 Digital Inputs, 27 Digital Outputs, 2 x 512KB NVRAM, 4 x 16-bit Timers
- Chassis Intrusion Switch
- 3 x Serial Ports, Intrusion Logger, Real Time Clock, Software Protection (Optional)



Specification

Introduction

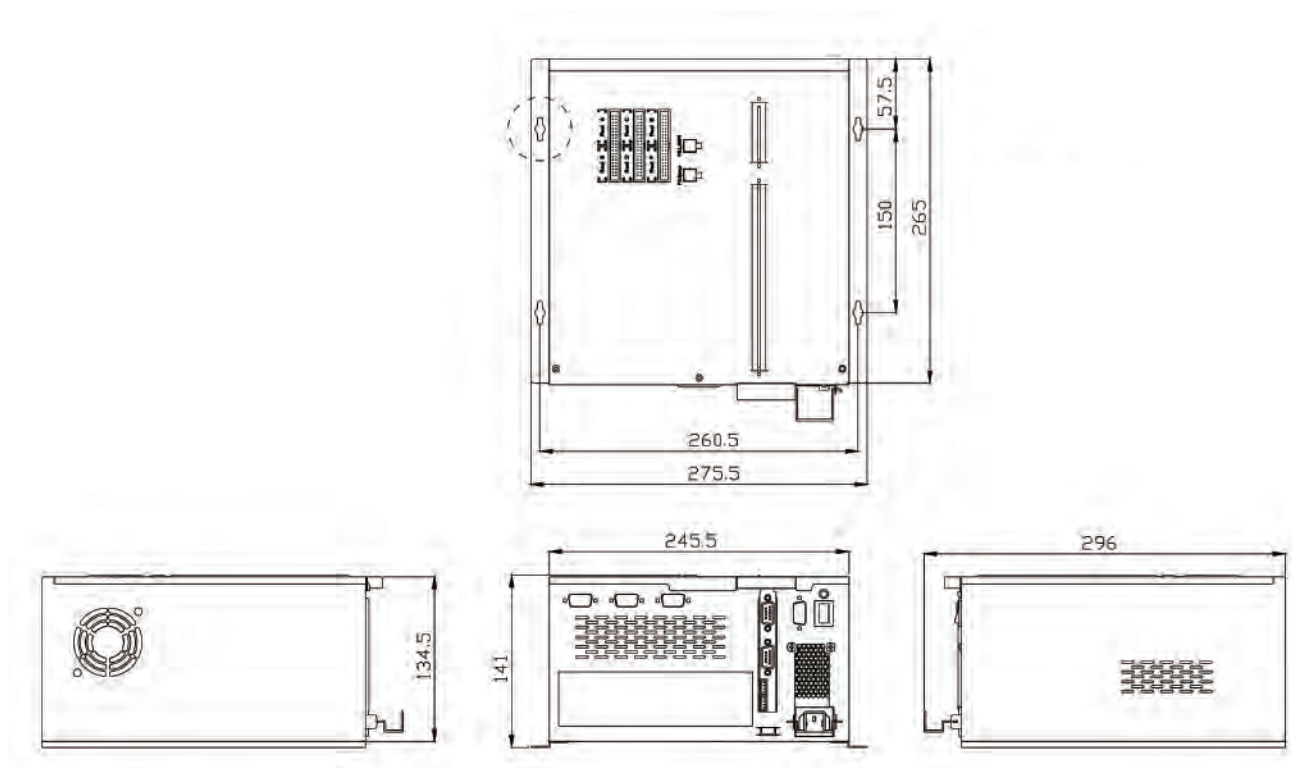
ACE-MINI series is a solution for gaming machine system integrators who want to use low cost and flexible MINI-ITX motherboard as the computing platform. ACE-MINI contains a PCI bus gaming I/O control card (ACE-B2019/A), an AC input power supply and a chassis. Any MINI-ITX motherboard with a PCI slot can fit in the ACE-MINI. There are five configurations in ACE-MINI series.

General

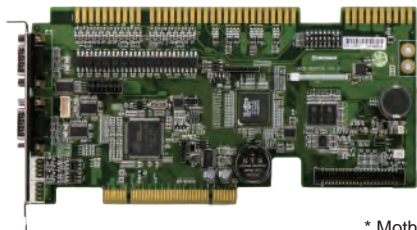
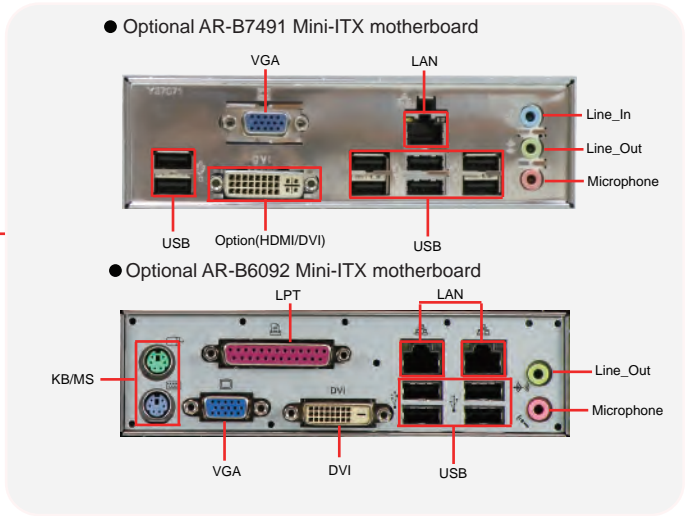
Dimension	T.B.D	
System Thermal	One system fan with 3-pin 2.5mm female connector	
CPU Board	Optional AR-B6092 motherboard 1. Intel ATOM D525+ICH8M 2. 4GB DDR3 3. 2 x SATA, 1x IDE, 1 x CF 4. VGA & DVI port 5. 2 x Giga LAN & 1 x mini-PCIe	Optional AR-B7491 motherboard 1. AMD Brazos E450 2. Radeon 6320 support full HD 3. 8GB DDR3 4. 2 x SATA, 1 x CF 5. VGA & HDMI port 6. 1 x Giga LAN
Thermal	One system fan	
Storage	One 2.5" HDD bay	
Chassis Intrusion Switch	One chassis intrusion switch with 2 pin JST 2.0mm male connector	
Front Panel	1. Standard Mini-ITX bracket opening 2. 1 x PCI card bracket 3. D-sub 9 connector opening 4. Power LED 5. ATX power switch	
Software Development Kit	1. Supports Windows XP, XP embedded and Linux 2. Gaming I/O controller device drivers and Application Program Interface (API) 3. Programming guide	
Power Supply	100 or 180 Watts ATX power supply	

Gaming I/O Card

Model No.	ACE-B2019A	ACE-B2019
Interface	8-liner 72+20 golden finger interface	Same as 2019A
Digital Input	1. 25 x optical isolated digital inputs 2. 5 x TTL level input for door switch with intrusion logger	Same as 2019A
Digital Output	1. 25 x 500mA MOSFET outputs 2. 2 x 1000mA outputs	Same as 2019A
DIP Switch	One 8-bit software readable DIP switch	Same as 2019A
Timer	Four 16-bit timers with timeout interrupt	Same as 2019A
SRAM	2 x 512KB SRAM with battery backup	256KB SRAM with battery backup
Serial Port	1. 3 serial ports. SAS bit-9 protocol support 2. COM1: RS-232/TTL 3. COM2: RS-232/ccTalk 4. COM3: RS-232/ccTalk	N/A
Secured Real Time Clock	1. Password protected	N/A
Intrusion Logger	1. Intrusion logger event time stamp 2. Battery operated 3. 5 x intrusion logger for door switch on 8-liner interface 4. 1 x power on/off change logger 5. 1 x chassis intrusion switch logger 6. Battery voltage low detection 7. Each intrusion logger logs 3 events with time stamp in ring buffer	N/A
Software Security	1. iButton socket. Supports any iButton chip. 2. Acrosser patent programmable unique ID ProtectU®	N/A
Reel Mechanism Controller	1. Optional: Come with ACE-MINI5495R 2. Support up to 6 Star Point reels	N/A



I/O Connectors



ACE-B2019A

* Motherboard is optional

Ordering Information

Model	Gaming I/O Card	Motherboard	Reel Mechanism Controller (AR-B2009)	PSU
ACE-MINI	ACE-B2019	N/A	N/A	180W
ACE-MINI-A	ACE-B2019A	N/A	N/A	180W
ACE-MINI7491	ACE-B2019	AR-B7491	N/A	100W
ACE-MINI7491A	ACE-B2019A	AR-B7491	N/A	100W
ACE-MINI7491R	ACE-B2019A	AR-B7491	AR-B2009	100W
ACE-MINI6092	ACE-B2019	AR-B6092	N/A	100W
ACE-MINI6092A	ACE-B2019A	AR-B6092	N/A	100W
ACE-MINI6092R	ACE-B2019A	AR-B6092	AR-B2009	100W

Note: There will be more standard MINI-ITX mother board from Acrosser. Please contact with Acrosser's sales representative for further