

ACE-B2019

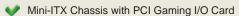
Same as 2019A

Same as 2019A



* Motherboard is optional

Features



- Suitable for any Mini-ITX Motherboard with PCI Slot
- Standard 8-liner (72-pin plus 10-pin) Interface
- 25 Digital Inputs, 26 Digital Outputs, 512KB NVRAM, 4 x 16-bit Timers
- Chassis Intrusion Switch

ACE-B2019A

Gaming I/O Card

Model No.

Digital Input

Interface

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

General	
Dimension System Thermal CPU Board	266.2 x 245.5 x 134.5mm One system fan with 3-pin 2.5mm female connector 1. Suitable for any Mini-ITX motherboard with PCI slot 2. Optional AR-B5495 Mini-ITX motherboard A. Fanless Atom N270 1.66GHz + 945GSE + ICH7M
	B. External I/O: PS2 keyboard/mouse connector, VGA 1 x RS-232, 1 x Giga LAN, 1 x 100Mbps LAN, 4 x USB2.0, Mic-in, Line out, 1 x LPT
	C. Internal: 1x DIMM for maximum 2GB DDR2, 2 x SATA, 1 x IDE, 2 x USB2.0, 7 x RS-232, 18-bit LVDS, 1 x LPT
Thermal	One system fan
Storage	One 2.5" HDD bay
Chassis Intrusion	One chassis intrusion switch with 2 pin JST 2.0mm male
Switch	connector
Front Panel	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	Supports Windows XP, XP embedded and Linux
Development Kit	Gaming I/O controller device drivers and Application Program Interface (API)
	Programming guide
Power Supply	100 or 180 Watts ATX power supply

	inputs		
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	256KB SRAM with	
	backup	battery backup	
Serial Port	3 serial ports. SAS bit-9 protocol support	N/A	
	2. COM1: RS-232/TTL		
	3. COM2: RS-232/ccTalk		
	4. COM3: RS-232/ccTalk		
Secured Real	Password protected	N/A	
Time Clock	2. Intrusion logger event time stamp		
Intrusion Logger	Battery operated	N/A	
	2. 5 x intrusion logger for door		
	switch on 8-liner interface		
	3. 1 x power on/off change logger		
	1 x chassis intrusion switch logger		
	5. Battery voltage low detection		
	6. Each intrusion logger logs		

3 events with time stamp in ring

1. iButton socket. Supports any

2. Acrosser patent programmable unique ID ProtectU®

2. Support up to 6 Star Point reels

buffer

iButton chip.

1. Optional: Come with

ACE-MINI5495R

8-liner 72+20 golden finger interface

30 x 5KV optical isolated digital

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-MINI5495	ACE-B2019	AR-B5495	N/A	100W		
ACE-MINI5945A	ACE-B2019A	AR-B5495	N/A	100W		
ACE-MINI5495R	ACE-B2019A	AR-B5495	AR-B2009	100W		

Software Security

Reel Mechanism

Controller

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

N/A