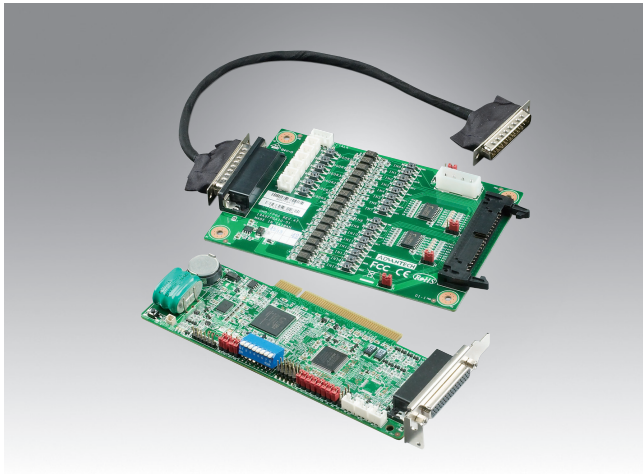


# GMB-PCI200

## PCI Card for Gaming Platforms



### Features

- 16-ch digital input and 16-ch digital output with ESD protection
- 44-pin D-SUB connector for digital I/O interface
- 16 Mbit (1M x 16) SRAM for data backup
- 140mAh rechargeable battery for SRAM & event log
- 8-bit DIP Switch for custom FPGA settings
- iButton (1-wire) support to protect data
- Intrusion log (door sensor & battery low) with CPLD

### Introduction

The GMB-PCI200 is a PCI card that provides overall security functions for the Advantech GMB-A75 motherboard—security from HW, to FW, to AP level. Key features include 16Mbit SRAM for data backup, HDD Password, intrusion log, 16-ch GPI, 16-ch GPO, 8-bit DIP switch, and FPGA security. Simply plug GMB-PCI200 into the main board. Drivers & AP for Windows® XP and XP Embedded allow access to security functions.

### Specifications

Digital Input /Output	Channels	16-channels
	Compatibility	3.3 V / CMOS
	Input Voltage	Logic 0_0.8 V max. Logic 1_2.0 V min
	Output Voltage	3.6 V max ~ 3.0 V min.
	ESD protect	8 KV contact
General	Bus type	PCI V2.2 (Universal PCI V2.2)
	I/O Connectors	1 x DB44-pin female D-sub connector
	SRAM	16 Mbit (1M x 16) SRAM for data backup with 140mAh rechargeable battery (VARTA Ni-MH 3.6 V/140 mAh 3/V150H)
	Data backup	At least 90 days
	8-bit DIP SW	One 8-bit DIP switch
	cctalk I/F	cctalk I/F connect to DB44 connector, share with RS232, +5V pull-up open collector
	9-bit intrusion log	2-bit for case open detect, 6-bit for cabinet open detect 1-bit for PCI card battery low
	iButton	One-wire interface support
	Dimensions (L x H)	168 x 65 mm (low profile)
	Operating Temperature	0 ~ 60° C (32 ~ 104° F)
	Storage Temperature	-20 ~ 70° C (-4 ~ 158° F)
	Storage Humidity	5~95% RH, non-condensing

### Ordering Information

Part Number	Description
GMB-PCI200	16-ch digital Input /16-ch digital output PCI Card
GMB-PCI200IO	IO Board for GMB-PCI200 PCI card w/ high voltage protection circuit

### Design & Manufacturing Services

ODM products are designed for customers with consistent order and specific design requirements. ODM products are subject to minimum annual order quantities and engineering charges. Evaluation units are available without such restrictions. Advantech has a dedicated project team to serve ODM customers.

#### For sales inquiries and further information, please contact:

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