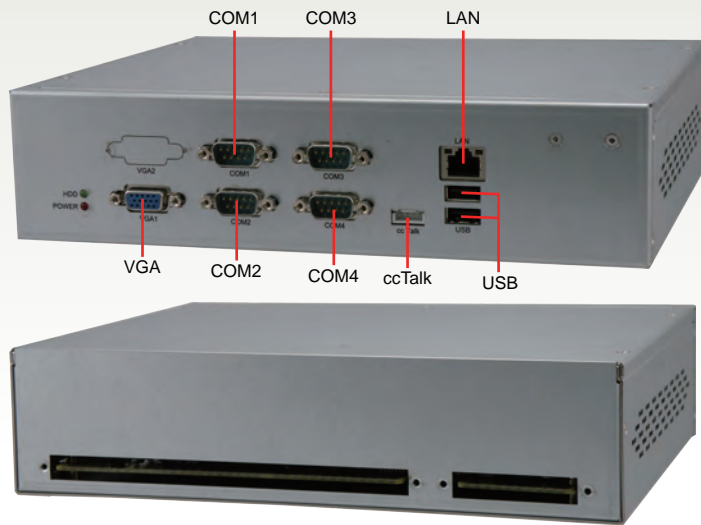




ACE-S8700

VIA C7 + VX800 Gaming System



Features



- ✓ VIA C7 + VX800
- ✓ 30-bit Interruptible Digital Input
- ✓ 27-bit High Current Output
- ✓ 8 Liner (72-pin) Golden Finger Interface
- ✓ 1 x 256KB Battery Backup SRAM with Battery Low Event Logger
- ✓ 6W Stereo Amplifier
- ✓ 4 x 16-bit Interruptible Timer

Specification

General PC Feature

CPU	Onboard VIA C7 1.5GHz
Chipset	VIA VX800
Front Side Bus	400MHz
Memory	<ul style="list-style-type: none"> • Onboard 512MB DDR2 SDRAM • 1 x 200-pin SO-DIMM socket support 667MHz • DDR2 SDRAM up to 1GB
Battery	<ul style="list-style-type: none"> • 1 x Li-Ion Battery for system RTC(CR2032) • 1 x 220 mAh CR2032 Battery for SRAM A & secured RTC • Optional rechargeable 140 mAh rechargeable battery B for SRAM A & B
Real Time Clock	1 x system RTC and 1x secured RTC

Video

Graphic Controller	Integrated VIA Chrome9TM HC3 integrated graphic controller, Supports DX9.0
Video Memory	Maximum 256MB shared
Video Interface	<ul style="list-style-type: none"> • 1 x VGA (DB15) • 1 x optional secondary VGA

PCI Express Slot

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Storage

SATA	2 x SATA II port
CF	1 x Compact Flash Type I/II socket support UDMA

Communication

Ethernet	1 x 100Mbps RJ45 with LED, Realtek
USB	4 x USB2.0 (2 x external port, 2 x pin header)
Serial Port	<ul style="list-style-type: none"> • 2 x RS-232/TTL (DB9) • 1 x RS-232/485 (DB9) • 1 x RS-232/ccTalk (DB9) • 1 x ccTalk (JST connector)

Audio

Output	Stereo
Amplifier	6 Watts per channel
Volume Channel	2 x volume control variable resistor

Other Feature

Hardware Monitoring	-
WatchDog Timer	Software programmable 1~255 sec.
Indicator	HDD and Power LED

Gaming Function

I/O Interface	8-liner 72-pin + 20-pin Golden Finger Interface
Digital Input	<ul style="list-style-type: none"> • 30 x optical isolated input • State change interrupt
Digital Output	2 x 1000 mA and 25 x 500 mA digital output

Gaming Function

Readable DIP Switch	2 x 8-bit DIP switch
GPIO (TTL Level)	-
Time	4 x 16-bit timers with time out interrupt
Battery backup SRAM	<ul style="list-style-type: none"> • 1 x 256KB (Optional 2 x 512KB) • 1 x 220 mAh battery (optional 140 mAh rechargeable battery) • optional Battery voltage low log
EEPROM	-
Jurisdiction Chip	-
Intrusion Logger	<ul style="list-style-type: none"> • Battery powered • 7 bits TTL level 5V pulled up input <ol style="list-style-type: none"> a. 5 x door switch inputs on 72-pin golden finger b. One power on/off change log input c. 1 x 2pin JST 2.0mm for Box detector • 3 x events with time stamp log for each input
Chassis Intrusion Switch	1 x switch on system chassis
Smart Card Reader	-
Reel Mechanism Control	-
Smart Hard Meter	-
Random Number Generator	-
Security	ProtectU + optional iButton socket

Power Requirement

Power Input	5V (+/-5%) and 12V (+/-5%) input on golden finger
Power Consumption	16W without external devices

Software

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

Mechanical & Environment

Thermal Design	CPU Fan
Chassis Material	SPGC steel
Dimension (W x H x D)	250mm x 198mm x 60mm (9.84" x 7.80" x 2.36")
Operating Temp.	0~50°C (32~122°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	CE, FCC class A

Packing List

- 1 x ACE-S8700
- 1 x Software driver CD
- 1 x Quick user's manual

Ordering Information

ACE-S8700C715	ACE-S8700 with VIA C7 1.5GHz
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