



Features

- ✓ 915GME with Pentium M/Celeron M
- ✓ 29-bit Interruptible Digital Input
- ✓ 43-bit High Current Output
- ✓ JAMMA & 72-pin Golden Finger Interface
- ✓ Dual 256KB Battery Backup SRAM with Battery Low Event Logger
- ✓ 6W Stereo Amplifier
- ✓ 4 x 16-bit Interruptible Timer

Specification

General PC Feature

CPU	<ul style="list-style-type: none"> • Intel Pentium M 760 2.0GHz • Intel Pentium M 745 1.8GHz • Intel Celeron M 370 1.5GHz
Chipset	Intel 915GME + ICH6M
Front Side Bus	400/533MHz
Memory	<ul style="list-style-type: none"> • 2 x 240-pin DIMM socket support 533/667MHz • Dual Channel DDR2 SDRAM up to 2GB • 512MB DDR2 pre-installed
Battery	<ul style="list-style-type: none"> • 1 x 220mAh battery for system RTC • 2 x 140mAh re-chargeable batteries for SRAM, Second RTC, Intrusion Logger
Real Time Clock	1 x system RTC and 1x secured RTC

Video

Graphic Controller	Intel 915GME integrated GMA 900 graphic controller
Video Memory	DVMT 3.0, Maximum 128MB shared
Video Interface	1 x VGA (DB15)
PCI Express Slot	-

Storage

IDE	1 x IDE (40-pin)
SATA	2 x SATA I port (Option)
CF	1 x Compact Flash Type I/II socket support UDMA

Communication

Ethernet	1 x 100Mbps RJ45 with LED, Intel 82562ET PHY
USB	6 x USB2.0 (2 x external port, 4 x pin header)
Serial Port	5 x RS-232 (5 x DB9, COM4 selectable for ccTalk)

Audio

Output	Stereo
Amplifier	6 Watts per channel
Volume Channel	Left channel

Other Feature

Hardware Monitoring	<ul style="list-style-type: none"> • CPU voltage and speed • CPU and system temperature
WatchDog Timer Indicator	Software programmable 1~255 sec. HDD and Power LED

Gaming Function

I/O Interface	JAMMA & 72-pin Golden Finger Interface
Digital Input	<ul style="list-style-type: none"> • 30 x optical isolated input • State change interrupt
Digital Output	27 x 500 mA digital output
Readable DIP Switch	2 x 8-bit DIP switch
GPIO (TTL Level)	20 bits (optional)
Timer	4 x 16-bit timers with time out interrupt

Gaming Function

Battery backup SRAM	<ul style="list-style-type: none"> • 2 x 256KB (Optional 2 x 512KB) • 140 mAh rechargeable battery • Battery voltage low log and voltage readback
EEPROM	1K Bytes
Jurisdiction Chip	-
Intrusion Logger	<ul style="list-style-type: none"> • 1 x chassis intrusion switch + 5 bits on golden fingers • 10 events with time stamps • 140 mAh rechargeable battery • battery voltage low log and voltage readback
Chassis Intrusion Switch	1 x switch on system chassis
Smart Card Reader	-
Reel Mechanism Control	-
Smart Hard Meter	-
Random Number	16 bits
Generator	-
Security	iButton socket and ProtectU
Power Requirement	
Power Input	5V (+/-5%) and 12V (+/-5%) input on golden finger
Power Consumption	40W 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	Fanless
Chassis Material	SPGC steel
Dimension (W x H x D)	252mm x 188mm x 80mm (9.93" x 7.41" x 3.15")
Weight	Net: 2.9kg (6.4Lb), Gross: 4.5kg (10Lb)
Operating Temp.	0~50°C (32~122°F)
Storage Temp.	-20~70°C (-4~158°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	CE, FCC class A

Packing List

- 1 x ACE-S5290FL
- 1 x Software driver CD
- 1 x Quick user's manual
- 2 x Mounting bracket

Ordering Information

ACE-S5290FLPM20	ACE-S5290FL with Intel Pentium M 760 2.0GHz
ACE-S5290FLPM18	ACE-S5290FL with Intel Pentium M 745 1.8GHz
ACE-S5290FLCM15	ACE-S5290FL with Intel Celeron M 370 1.5GHz