



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

System

CPU	Socket for Intel 478 uFC-PGA Pentium M & Celeron M
Chipset	Intel 915GME + ICH6M
Memory	2 x 240-pin DIMM socket support 533/667MHz Dual Channel DDR2 SDRAM up to 2GB 512MB preinstalled
BIOS	Award
RTC	1 x system RTC and 1x secured RTC
Hardware Monitoring	1. CPU voltage 2. CPU and System Temperature 3. System and CPU FAN speed 4. System Fan Speed Control
WatchDog Timer	Software programmable 1~255 sec.
OS	Supports Windows XP/XP Embedded, Linux

Video

Video Controller	Intel 915GME integrated GMA 900 graphic controller
Video Interface	1 x VGA port 1 x 18-bit LVDS and LCD PWM connector (Optional)

Audio

Codec	AC97 Stereo
Amplifier	6 Watts per channel. Type D amplifier

Ethernet

Connector	1 x RJ45
Controller	Intel 82562ET PHY (10/100Mbps)

Storage

IDE	1 x IDE (40-pin, Option)
SATA	2 x SATA 1 port (Option)
SSD	1 x Compact Flash socket Typell (Suooprt UDMA)

I/O

Serial Port	5 x RS-232 (5 x DB9, COM4 selectable for ccTalk)
USB Port	4 x USB2.0 (2 x external port, 2 x onboard pin header)

Gaming Function

I/O Interface	JAMMA & 72-pin Golden Finger Interface
Digital Input	29 x optical isolated inputs
Digital Output	43 x 500 mA digital outputs
Timer	4 x 16-bit Interruptible Timer
Readable DIP switch	2 x 8-bit DIP switch
Battery backedup SRAM	2 x 256KB (Optional 2 x 512KB)
EEPROM	1K Bytes
Intrusion Logger	1 x Chassis intrusion switch + 5 bits on golden fingers
Random Number Generator	16-bit
Security	iButton socket and ProtectU

Mechanical & Environment

Color	Black
Dimension	252mm x 188mm x 80mm (W x D x H)
Power Requirement	5V and 12V input to Golden finger
Indicator	Power LED HDD LED Power_In LED
Operating Temp.	0~50°C (32~122°F)
Storage Temp.	-20~70°C (-4~158°F)
Safety	CE FCC class A

Packing List

1. ACE-S5290FL x 1
2. Software driver CD x 1
3. ACE-5290 quick user's manual x 1
4. Mounting bracket x 2

Ordering Information

ACE-S5290FLPM20	ACE-S5290FL with Intel Pentium M 760 2.0GHz, 512MB DDR2 and 256KB SRAM x 2
ACE-S5290FLPM18	ACE-S5290FL with Intel Pentium M 745 1.86GHz, 512MB DDR2 and 256KB SRAM x 2
ACE-S5290FLCM15	ACE-S5290FL with Intel Celeron M 370 1.5GHz, 512MB DDR2 and 256KB SRAM x 2