ACE-S5692FL

Intel GME965 Fanless and Gaming System with 8 Liner (72-pin) and Italian JAMMA Interface

RoHS Compliance

Gaming Platform

USB · LAN · VGA1 · VGA2 · COM4 / ccTalk · COM3 · COM2 · COM1

Features

- ✓ GME965 with Core 2 Duo/Celeron M
- ✓ 30-bit Interruptible Digital Input
- ✓ 27-bit High Current Output
- ✓ 8 Liner and Italian JAMMA Interface
- ✓ Dual 512KB Battery Backup SRAM with Battery Low Event Logger
- ✓ Dual VGA
- ✓ 4 x 16-bit Interruptible Timer
- ✓ 7-bit Interssion Logger Input

Specification

General PC Feature

CPU	● Intel Core 2 Duo 2.20GHz ● Intel Celeron M 2.0GHz
Chipset	Intel GME965 + ICH8M
Front Side Bus	533/800MHz
Memory	● 2 x 240-pin DIMM socket support 533/667MHz Dual Channel DDR2 SDRAM up to 4GB ● 1GB DDR2 pre-installed
Battery	● 1 x 220 mAh battery for system RTC ● 2 x 140 mAh re-chargable batteries for SRAM, Second RTC, Intrusion Logger
Real Time Clock	1 x system RTC and 1x secured RTC

Video

Graphic Controller	Intel GME965 integrated GMA X3100 graphic controller
Video Memory	DVMT 4.0, Maximum 384MB shared
Video Interface	2 x VGA (2 x DB15)
PCI Express Slot	-

Storage

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

Communication

Ethernet	1 x Gbps RJ45 with LED, Intel 82574L
USB	6 x USB2.0 (2 x external port, 4 x pin header)
Serial Port	4 x RS-232 (4 x DB9, COM3/4 selectable for ccTalk)

Audio

Output	Stereo
Amplifier	6 Watts per channel
Volume Channel	Left channel

Other Feature

Hardware Monitoring	● CPU voltage and speed ● CPU and system temperature
WatchDog Timer	Software programmable 1~255 sec.
Indicator	HDD and Power LED

Gaming Function

I/O Interface	8 Liner (72-pin) and Italian JAMMA interface
Digital Input	● 25 x optical isolated input, 5 x TTL input ● State change interrupt
Digital Output	3 x 1000 mA and 24 x 500 mA digital output
Readable DIP Switch	2 x 8-bit DIP switch
GPIO (TTL Level)	28 bits
Timer	4 x 16-bit timers with time out interrupt

Gaming Function

Battery backup SRAM	● 2 x 512KB ● 140 mAh rechargeable battery ● Battery voltage low log and voltage readback
EEPROM	1K Bytes
Jurisdiction Chip	-
Intrusion Logger	● 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	Optional
Reel Mechanism Control	-
Smart Hard Meter	-
Random Number Generator	16 bits
Security	iButton socket and ProtectU

Power Requirement

Power Input	5V (+/-5%) and 12V (+/-5%) input on golden finger
Power Consumption	60W without external devices

Software

OS Support	Windows XP/XP Embedded, Linux
Software Development Kit	● Device driver ● Application Program Interface (API) ● Demo program

Mechanical & Environment

Thermal Design	Fanless
Chassis Material	SPGC steel
Dimension (W x H x D)	279mm x 190mm x 73mm (10.99" x 7.49" x 2.88")
Weight	
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-S5692FL
- ● 1 x Software driver CD
- ● 1 x Quick user's manual
- ● 2 x Mounting bracket
- ● 1 x Screw pack

Ordering Information

ACE-S5692FLT75	ACE-S5692FL with Intel Core 2 Duo 2.20GHz, 1GB DDR2 and 2 x 512KB SRAM
ACE-S5692FLCM55	ACE-S5692FL with Intel Celeron M 2.0GHz, 1GB DDR2 and 2 x 512KB SRAM

Specifications are subject to change without notice.