



Features



- ✓ Intel GME965 with Core 2 Duo, Celeron M
- ✓ Onboard 512MB DDR2 Memory and One SO-DIMM socket
- ✓ Dual 512KB Battery Backup SRAM. Optional Third 512KB SRAM
- ✓ 64-bit GPIO and 8 x Hard Meters Driver with Wire Sensor
- ✓ I/O Connection on Backplane through AGB (Acrosser Gaming Bus)
- ✓ Optional Smart Card Reader Module

Specification

System

CPU	Socket for Intel Core 2 Duo & Celeron M
Chipset	Intel GME965 + ICH8M
Front Side Bus	533/667/800MHz
Memory	<ul style="list-style-type: none"> • 1 x 200-pin SO-DIMM socket support 533/667MHz • Dual Channel DDR2 SDRAM up to 2GB • Onboard 512MB DDR2 SDRAM
Battery	<ul style="list-style-type: none"> • 1 x 220 mAh battery for system RTC • 3 x 140 mAh re-chargeable batteries for SRAM, Second RTC, Intrusion Logger
Real Time Clock	1 x system RTC and 1 x secured RTC
Fan Connector	2 x 12V fan connector

Video

Graphic Controller	Intel GME965 integrated GMA X3100 graphic controller
Video Memory	DVMT 4.0, Maximum 384MB shared
Video Interface	<ul style="list-style-type: none"> • 1 x VGA (1 x pin header) • 2 x DVI-D port (On AGB2000)
PCI Express Slot	1 x PCI Express x16 slot

Storage

SATA	3 x SATA II port (1 on MB, 2 on AGB2000)
CF	2 x Compact Flash Type I/II socket support UDMA

Communication

Ethernet	2 x Gbps RJ45 with LED, Intel 82574L (2 on AGB2000)
USB	8 x USB2.0 (4 x external port on AGB2000, 4 x pin header)
Serial Port	<ul style="list-style-type: none"> • 3 x RS-232 • 2 x RS-232/ccTalk • 2x RS-232/TTL • 2x RS-232/422/485

Audio

Output	5.1 channel (On AGB2000)
Amplifier	6 Watts per channel
Volume Channel	Left channel

Other Feature

PS/2	1 x PS/2
Hardware Monitoring	<ul style="list-style-type: none"> • CPU voltage temperature • CPU and fan speed
WatchDog Timer	Software programmable 1~255 sec.

Gaming Function

I/O Interface	Backplane (AGB2000)
Digital Input	<ul style="list-style-type: none"> • 32 x optical isolated input • State change interrupt
Digital Output	32 x 500 mA digital output
Readable DIP Switch	1 x 8-bit DIP switch
GPIO (TTL Level)	-

Gaming Function

Timer	4 x 16-bit timers with time out interrupt
Battery backup SRAM	<ul style="list-style-type: none"> • 3 x 512KB • 140 mAh rechargeable battery • Battery voltage low log and voltage readback 2K Bytes
EEPROM	8 x PLCC ROM socket
Jurisdiction Chip Intrusion Logger	<ul style="list-style-type: none"> • 1 x chassis intrusion switch + 2 bits on golden fingers • 10 events with time stamps • 140 mAh rechargeable battery • battery voltage low log and voltage readback
Smart Card Reader	-
Reel Mechanism Control	-
Smart Hard Meter	8 x smart hard meter outputs
Random Number Generator	16 bits
Security	iButton socket, ProtectU, TPM 1.2

Power Requirement

Power Input	10-pin ATX power connector
Power Consumption	-

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

Dimension	200mm x 200mm (7.88" x 7.88")
Weight	Net: 337g (0.8Lb)
Operating Temp.	-10~60°C (14~140°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-B5600
- 1 x Driver CD
- 1 x Quick user manual

Ordering Information

Optional CPU	<ul style="list-style-type: none"> • Intel Core 2 Duo T7500 2.20GHz, FSB 800MHz and 4MB L2 cache • Intel Celeron M 550 2.0GHz, FSB 533MHz and 1MB L2 cache
Accessory	AGB2000: Backplane for ACE-B5600