



### 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

Gaming Platform

## Specification

System	
<b>CPU</b>	Socket for Intel Core 2 Duo & Celeron M
<b>Chipset</b>	Intel GME965 + ICH8M
<b>Front Side Bus</b>	533/667/800MHz
<b>Memory</b>	<ul style="list-style-type: none"> <li>• 1 x 200-pin SO-DIMM socket support 533/667MHz</li> <li>• Dual Channel DDR2 SDRAM up to 2GB</li> <li>• Onboard 512MB DDR2 SDRAM</li> </ul>
<b>Battery</b>	<ul style="list-style-type: none"> <li>• 1 x 220 mAh battery for system RTC</li> <li>• 3 x 140 mAh re-chargable batteries for SRAM, Second RTC, Intrusion Logger</li> </ul>
<b>Real Time Clock</b>	1 x system RTC and 1 x secured RTC
<b>Fan Connector</b>	2 x 12V fan connector
Video	
<b>Graphic Controller</b>	Intel GME965 integrated GMA X3100 graphic controller
<b>Video Memory</b>	DVMT 4.0, Maximum 384MB shared
<b>Video Interface</b>	<ul style="list-style-type: none"> <li>• 1 x VGA (1 x pin header)</li> <li>• 2 x DVI-D port (On AGB2000)</li> </ul>
<b>PCI Express Slot</b>	1 x PCI Express x16 slot
Storage	
<b>SATA</b>	3 x SATA II port (1 on MB, 2 on AGB2000)
<b>CF</b>	2 x Compact Flash Type I/II socket support UDMA
Communication	
<b>Ethernet</b>	2 x Gbps RJ45 with LED, Intel 82574L (2 on AGB2000)
<b>USB</b>	8 x USB2.0 (4 x external port on AGB2000, 4 x pin header)
<b>Serial Port</b>	<ul style="list-style-type: none"> <li>• 3 x RS-232</li> <li>• 2 x RS-232/ccTalk</li> <li>• 2x RS-232/TTL</li> <li>• 2x RS-232/422/485</li> </ul>
Audio	
<b>Output</b>	5.1 channel (On AGB2000)
<b>Amplifier</b>	6 Watts per channel
<b>Volume Channel</b>	Left channel
Other Feature	
<b>PS/2</b>	1 x PS/2
<b>Hardware Monitoring</b>	<ul style="list-style-type: none"> <li>• CPU voltage temperature</li> <li>• CPU and fan speed</li> </ul>
<b>WatchDog Timer</b>	Software programmable 1~255 sec.
Gaming Function	
<b>I/O Interface</b>	Backplane (AGB2000)
<b>Digital Input</b>	<ul style="list-style-type: none"> <li>• 32 x optical isolated input</li> <li>• State change interrupt</li> </ul>
<b>Digital Output</b>	32 x 500 mA digital output
<b>Readable DIP Switch</b>	1 x 8-bit DIP switch
<b>GPIO (TTL Level)</b>	-

Gaming Function	
<b>Timer</b>	4 x 16-bit timers with time out interrupt
<b>Battery backup SRAM</b>	<ul style="list-style-type: none"> <li>• 3 x 512KB</li> <li>• 140 mAh rechargeable battery</li> <li>• Battery voltage low log and voltage readback 2K Bytes</li> </ul>
<b>EEPROM</b>	8 x PLCC ROM socket
<b>Jurisdiction Chip Intrusion Logger</b>	<ul style="list-style-type: none"> <li>• 1 x chassis intrusion switch + 2 bits on golden fingers</li> <li>• 10 events with time stamps</li> <li>• 140 mAh rechargeable battery</li> <li>• battery voltage low log and voltage readback</li> </ul>
<b>Smart Card Reader</b>	-
<b>Reel Mechanism Control</b>	-
<b>Smart Hard Meter</b>	8 x smart hard meter outputs
<b>Random Number Generator</b>	16 bits
<b>Security</b>	iButton socket, ProtectU, TPM 1.2
Power Requirement	
<b>Power Input</b>	10-pin ATX power connector
<b>Power Consumption</b>	-
Software	
<b>OS Support</b>	Windows XP/XP Embedded, Linux
<b>Software Development Kit</b>	<ul style="list-style-type: none"> <li>• Device driver</li> <li>• Application Program Interface (API)</li> <li>• Demo program</li> </ul>
Mechanical & Environment	
<b>Dimension</b>	200mm x 200mm (7.88" x 7.88")
<b>Weight</b>	Net: 337g (0.8Lb)
<b>Operating Temp.</b>	-10~60°C (14~140°F)
<b>Storage Temp.</b>	-20~70°C (-4~158°F)
<b>Relative Humidity</b>	0 to 90% @ 40°C, non-condensing
<b>Safety</b>	CE, FCC class A
Packing List	
	<ul style="list-style-type: none"> <li>• 1 x ACE-B5600</li> <li>• 1 x Driver CD</li> <li>• 1 x Quick user manual</li> </ul>
Ordering Information	
<b>Optional CPU</b>	<ul style="list-style-type: none"> <li>• Intel Core 2 Duo T7500 2.20GHz, FSB 800MHz and 4MB L2 cache</li> <li>• Intel Celeron M 550 2.0GHz, FSB 533MHz and 1MB L2 cache</li> </ul>
<b>Accessory</b>	AGB2000: Backplane for ACE-B5600