



## 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)

## SPECIFICATION

| System                     |  |
|----------------------------|--|
| <b>CPU</b>                 | Support Intel Core 2 Duo/Celeron M   |
| <b>Chipset</b>             | Intel GME965 + ICH8M   |
| <b>Front Side Bus</b>      | 533/667/800MHz   |
| <b>Memory</b>              | Onboard 512MB DDR2 SDRAM, 1 x 200-pin SO-DIMM socket support 533/667MHz DDR2 SDRAM up to 2.5GB |
| <b>Battery</b>             | One CR2032 (220mAh) for system RTC.<br>Three Re-chargeable for SRAM, Second RTC, AGA           |
| <b>BIOS</b>                | Award  |
| <b>RTC</b>                 | 1 x system RTC and 1x secured RTC  |
| <b>Hardware Monitoring</b> | Yes  |
| <b>WatchDog Timer</b>      | Software programmable 1~255 sec./min.  |
| <b>OS</b>                  | Windows XP/XP Embedded, Linux  |
| Video                      |  |
| <b>Video Controller</b>    | Integrated Intel GMA X3100 graphic controller  |
| <b>Video Interface</b>     | 1 x VGA (pin header), 2 x DVI-D port on AGB  |
| <b>Expansion Slot</b>      | 1 x PCI Express x16 slot   |
| Ethernet                   |  |
| <b>Connector</b>           | Signal to AGB  |
| <b>LAN</b>                 | 2 x Giga bps Ethernet<br>(Secondary LAN is optional)   |
| Storage                    |  |
| <b>SATA</b>                | 3 x SATA 2 Port (One is onboard, 2 on AGB)   |
| <b>SSD</b>                 | 2 x Compact Flash socket   |
| I/O                        |  |
| <b>Serial Port</b>         | 9 x RS-232 (1 x DB9 onboard, 8 x TTL on AGB)   |
| <b>USB Port</b>            | 8 x USB2.0 (2 x onboard pin header, 2 x pin header in bNAND, 4 x external port on AGB)         |
| <b>Audio</b>               | 5.1 Audio output on AGB  |
| <b>Keyboard/Mouse</b>      | PS/2 keyboard and PS/2 mouse signal to AGB   |

| Gaming I/O               |   |
|--------------------------|---|
| <b>GPIO</b>              | 32-bit Isolation GPI and 32-bit Darlington GPO to AGB   |
| <b>Hard Meter</b>        | Smart Hard Meter 8-bit with current sense feedback to AGB   |
| <b>Intrusion Logger</b>  | External Intrusion logger 7-bit to AGB  |
| <b>NVRAM</b>             | Triple 512K x 8-bit low power SRAM chips. Support "Independent" and "Replicate" write mode (Select by jumper). Each SRAM with data clear mini jumper (Option 3 x 512KB FRAM). |
| Security                 |   |
|                          | 1. TPM 1.2 (Infineon SLB 9635 TT 1.2)<br>2. ProtectU<br>3. iButton socket<br>4. EEPROM<br>5. Jurisdiction ROM   |
| Mechanical & Environment |   |
| <b>Dimension</b>         | 200mm x 200mm   |
| <b>Power Supply</b>      | 10-pin ATX power connector  |
| <b>Operating Temp.</b>   | -10~60°C (14~140°F) without PCI Express card  |
| <b>Storage Temp.</b>     | -20~70°C (-4~158°F)   |
| <b>Relative Humidity</b> | 10 to 90% @ 40°C, non-condensing  |
| <b>EMC</b>               | CE \ FCC  |

| Ordering Information |  |
|----------------------|--|
|                      | 1. Intel Core 2 Duo T7500 2.20GHz, FSB 800MHz and 4MB L2 cache |
|                      | 2. Intel Celeron M 550 2.0GHz, FSB 533MHz and 1MB L2 cache     |
|                      | 3. AGB2000: Backplane for ACE-B5600                            |