



Features

- ✓ Intel GME965 with Core 2 Duo, Celeron M
- ✓ Battery Backup SRAM 512KB x 3
- ✓ Selected Write Protect EEPROM up to 4MB
- ✓ VGA/DVI-D
- ✓ TPM1.2/iButton/Jurisdiction ROM
- ✓ 5.1 Audio Channel with 6W Amplified
- ✓ PCI Express x16 Slot

SPECIFICATION

System	
CPU	Supports Intel Core 2 Duo, Celeron M Processors
Chipset	Intel GME965 + ICH8M
Front Side Bus	533/667/800MHz
Memory	Onboard 512MB DDR2 SDRAM, 1 x 200-pin SO-DIMM socket support 533/667MHz DDR2 SDRAM up to 2.5GB
Battery	One CR2032 (220mAh) for system RTC. Three Re-chargable for SRAM, Second RTC, AGA
BIOS	Award
RTC	1 x system RTC and 1x secured RTC
Hardware Monitoring	Yes
WatchDog Timer	Software programmable 1~255 sec./min.
OS	Windows XP/XP Embedded, Linux
Video	
Video Controller	Integrated Intel GMA 3100 graphic controller
Video Interface	1 x VGA port, 2 x DVI-D port
Expansion Slot	1 x PCI Express x16 slot
Ethernet	
Connector	2 x RJ45
LAN	2 x Giga LAN (Secondary LAN is optional)
Storage	
SATA	2 x SATA 2 port (Option)
SSD	2 x Compact Flash socket
I/O	
Serial Port	9 x RS-232 (1 x pin header from MB, 8 x DB9 from Backplane). 2 x RS-422/485 (pin header), 2 x ccTalk
USB Port	8 x USB2.0 (4 x external port on Backplane, 2 x onboard pin header on MB, 2 x onboard pin header in bNAND)
Audio	5.1 Audio output (Standard speaker connector) 6 Watts per channel. Type D amplifier
Keyboard/Mouse	PS/2 keyboard and mouse lock/unlock jumper

Gaming I/O	
GPIO	32-bit Isolation GPI in 2 x 20 pin header 32-bit Darlington GPO in 2 x 20 pin header
Hard Meter	Smart Hard Meter 8-bit (2 x 4 pin header) with Current sense feedback
Intrusion Logger	External intrusion logger 7-bit (2 x 4 pin header)
NVRAM	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) 2. ProtectU 3. iButton socket 4. EEPROM 5. Jurisdiction ROM

Mechanical & Environment	
Dimension	259mm x 161mm x 247mm (W x D x H)
Power Supply	ATX power connector or optional 100W DC to DC converter
Operating Temp.	-10~60°C (14~140°F)
Storage Temp.	-20~70°C (-4~158°F)
Relative Humidity	10 to 90% @ 40°C, non-condensing
Safety	CE - FCC

Packing List	
1. ACE-S5600 x 1	
2. Driver CD x 1	

Packing List	
ACE-S5600T75	ACE-S5600 with Core 2 Duo T7500 2.2GHz processor
ACE-S5600CM55	ACE-S5600 with Celeron M 550 2.0GHz processor