



Features

- ✓ Support Intel Core 2 Duo/ Core Duo/Celeron M
- ✓ Support Dual Channel DDR2 up to 2GB
- ✓ VGA/DVI/LVDS/TV-Out
- ✓ 6 Serial Port (5 Port with Easy-Plug Connector)
- ✓ PCI & PCI Express x16 Expansion
- ✓ Remote Power Switch Jack

Specification

System

CPU	Support Intel Core 2 Duo/Core Duo/Celeron M
Chipset	Intel 945GME + Intel ICH7M
Front Side Bus	533/667MHz
Memory	2 x 200-pin SO-DIMM socket support 533/667MHz Dual Channel DDR2 SDRAM up to 4GB
BIOS	Award
RTC	System
Hardware	Yes
Monitoring	
WatchDog Timer	Software programmable 1~255 sec.
Security	TPM 1.2 Protect U
OS	Windows XP/XP Embedded, Linux

Video

Video Controller	Intel 945G integrated GMA 950 graphic controller
Video Interface	1 x VGA port 1 x DVI port 1 x Dual Channel 18-bit LVDS port 1 x TV-Out (S-Video and Compose Video pin header)

Ethernet

Connector	1 x RJ45
Controller	Intel 82573E (10/100Mbps)

Storage

IDE	2 x IDE (40 & 44-pin)
HDD Bay	Anti-shock drive bay for 2.5" HDD
SATA	2 x SATA 2 port
SSD	1 x Compact Flash socket

I/O

Serial Port	5 x RS-232, 1 x RS-232/422/485 (1 x DB44 includes 5 serial port + 1 x DB9)
USB Port	8 x USB2.0 (6 x external port, 2 x onboard pin header)
Audio	Audio output (Line Out)
GPIO	8-bit Digital I/O
Keyboard/Mouse	Onboard PS/2 keyboard and mouse pin header
Expansion Slot	1 x PCI Express x16 slot 1 x PCI slot

Mechanical & Environment

Construction	Aluminum Housing
Color	Black
Dimension	310mm x 210mm x 70mm (W x D x H)
Power Supply	90~260V AC Input, 120W ATX power supply
Power Mode	ATX
Operating Temp.	0~50°C (32~122°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing

Packing List

1. AR-ES0892 x 1
2. Quick user guide x 1
3. Utility CD x 1
4. AR-TB01: Terminal board for PCI Express slot
5. 2.5" anti-shock HDD mounting kit x 1
6. COM cable (DB44 to 5 DB9) x 1
7. AC power cord (Optional for USA/EU/UK type) x 1
8. Mounting bracket x 2
9. Screw pack x 4
10. CPU Fan x 1

Ordering Information

Optional CPU	1. Intel Core 2 Duo T7400 2.16GHz, FSB 667MHz and 4MB L2 cache
	2. Intel Core Duo T2500 2.00GHz, FSB 667MHz and 2MB L2 cache
	3. Intel Celeron M 530 1.73GHz, FSB 533MHz and 1MB L2 cache
	4. Intel Celeron M 440 1.86GHz, FSB 533MHz and 1MB L2 cache