



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

Video

Graphic Controller	Intel 945G integrated GMA 950 graphic controller
Video Memory	DVMT 3.0, Maximum 224MB shared.
Video Interface	<ul style="list-style-type: none"> • 1 x VGA port (DB15) • 1 x DVI port • 1 x Dual Channel 18-bit LVDS (Pin header) • 1 x TV-Out (S-Video and Compose Video pin header)

Storage

IDE	2 x IDE (40 & 44-pin)
SATA	2 x SATA II port
CF	1 x Compact Flash Type I/II slot
Disk Bay	1 x Anti-shock 2.5" HDD/SSD bracket

Communication

Ethernet	1 x Gbps RJ45 with LED, Intel 82574L
USB	8 x USB2.0 (6 x external port, 2 x pin header)
Serial Port	<ul style="list-style-type: none"> • 1 x RS-232/422/485 (DB9) • 5 x RS-232 (DB44 includes 5 serial port)

Expansion

PCI Slot	1 x PCI
PCI Express Slot	1 x PCI Express x16
miniPCIe	-

Other Feature

PS/2	-
Audio	Line -Out
Hardware Monitoring	<ul style="list-style-type: none"> • CPU voltage • CPU and system temperature • CPU and fan speed • System fan speed control
WatchDog Timer	Software programmable 1~255 sec.
Indicator	Power LED
GPIO	8-bit Digital I/O

Power Requirement

Power Input	ATX
Power Adaptor	90~260VAC, 120W power adaptor

Software

OS Support	Windows XP/XP Embedded, Linux
-------------------	-------------------------------

Mechanical & Environment

Thermal Design	Fan
Chassis Material	Aluminum
Dimension (W x D x H)	310mm x 210mm x 70mm (12.21" x 8.27" x 2.76")
Weight	Net: 1.9kg (4.2Lb), Gross: 4.5kg (10Lb)
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
Safety	CE, FCC class A

Packing List

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

Ordering Information

AR-ES0892	Intel Core 2 Duo Embedded System
Optional CPU	<ul style="list-style-type: none"> • Intel Core 2 Duo T7400 2.16GHz, FSB 667MHz and 4MB L2 cache • Intel Core Duo T2500 2.00GHz, FSB 667MHz and 2MB L2 cache • Intel Celeron M 530 1.73GHz, FSB 533MHz and 1MB L2 cache • Intel Celeron M 440 1.86GHz, FSB 533MHz and 1MB L2 cache