



Features

- ✔ Support Pentium 4/Celeron D
- ✔ Intel 945G Chipset
- ✔ Support Dual Channel DDR2 SDRAM
- ✔ 1 x Giga LAN and 1 x 10/100 LAN
- ✔ 6 Serial Port (5 Port with Easy-Plug Connector)
- ✔ TPM Software Security
- ✔ PCI & PCI Express x16 Expansion
- ✔ Remote Power Switch Jack

Specification

System

CPU	Socket LGA775 support Intel Pentium 4/Celeron D with HT Technology
Chipset	Intel 945G + Intel ICH7
Front Side Bus	533/800/1066MHz
Memory	2 x 240-pin DIMM socket support 400/533/667MHz Dual Channel DDR2 SDRAM up to 4GB
Battery	Lithium Battery, 3V 220mAH
BIOS	Award
RTC	System
Hardware Monitoring	Yes
WatchDog Timer	Software programmable 1~255 sec.
Security	TPM 1.2
OS	Windows XP/XP Embedded, Linux

Video

Video Controller	Intel 945G integrated GMA 950 graphic controller
Video Interface	1 x VGA port

Ethernet

Connector	2 x RJ45
Controller	Realtek RTL8100C (10/100Mbps) Realtek RTL8110S (Giga bps)

Storage

IDE	1 x IDE (44-pin)
HDD Bay	Anti-shock drive bay for 2.5" HDD
SATA	2 x SATA 2 port
SSD	2 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 onboard pin header)
USB Port	6 x USB2.0 (4 x external port, 2 x onboard pin header)
Audio	Audio (Line Out/Line In)
GPIO	8-bit Digital I/O
IrDA	Yes
Parallel Port	1 x LPT
Keyboard/Mouse	PS/2 keyboard and mouse connector
Expansion Slot	1 x PCI slot 1 x PCI Express x16 slot

Mechanical & Environment

Dimension	470mm x 220mm x 85mm (W x D x H)
Color	Black
Power Supply	Internal 2U 350 Watt ATX Power Supply
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing

Packing List

1. AR-ES0991 x 1
2. Quick user guide x 1
3. Utility CD x 1
4. AR-RS06: PCI Express riser card x 1
5. AR-RS07: PCI riser card x 1
6. 2.5" anti-shock HDD mounting kit x 1
7. HDD cable x 1
8. COM cable (DB44 to 5 DB9) X 1
9. AC power cord (Optional for USA/EU/UK type) x 1
10. Mounting bracket x 2
11. Screw pack
12. CPU heat sink