



Features

- ✓ AMD RS690E & SB600 Chipset
- ✓ AMD Socket S1 supports AMD Turion 64 X2/Sempron
- ✓ High Definition Video: Analog (VGA), LCD, DVI, HDMI (Optional)
- ✓ Full Direct X 9.0 and Shader Model 2.0 Support
- ✓ Dual PCI Express LAN
- ✓ Hardware Acceleration for H.264 playback
- ✓ TPM 1.2 (SB600 Integrated)

Specification

System

CPU	AMD Socket S1 supports AMD Turion 64 X2/Sempron
Chipset	AMD RS690E+AMD SB600
Memory	Two SO-DIMM socket support 400MHz to 667MHz DDR2 SDRAM up to 2GB
Battery	Lithium Battery, 3V 220mAh
BIOS	Award
RTC	Yes
Hardware Monitoring	1. CPU voltage 2. CPU and System Temperature

WatchDog Timer	Software programmable 1~255 sec.
OS	Windows Vista/XP/XP Embedded/CE, Linux

Video

Video Controller	AMD RS690E Integrated Graphic Processor
Video Interface	VGA port DVI port 18/24-bit Dual Channel LVDS port TV-Out integrated PWM interface for LCD backlight inverter control

Ethernet

Connector	2 x RJ45
Controller	Broadcom BCM5787 (10/100/1000)

Storage

IDE	PATA 44 pin Box header
HDD Bay	Anti-shock drive bay for 2.5" HDD
SATA	2 x Serial ATA Port
SSD	1 x Compact Flash socket

I/O

Serial Port	3 x RS-232 1 x RS-232/422/485
USB Port	2 x USB 2.0 Connector
Audio	4 x USB2.0 Internal Pinhead(1 x 5 x 2.0mm) Stereo Audio output
GPIO	8-bit Digital I/O
Keyboard/Mouse	PS/2 Keyboard and PS/2 Mouse Connector
Expansion Slot	1 x PCI-104

Mechanical & Environment

Colour	Black
Dimension	165mm x 251mm x 67 mm (W x D x H)
Power Supply	60W adaptor with 9427A module 60W power adapter with 80W DC to DC ATX power converter Lockable DC plug-in jack
Power Mode Power	Power Switch & Remote power switch jack 70W without external devices
Consumption Indicator	Power LED HDD LED
Operating Temp.	0~50° C(32~122°F)
Storage Temp.	-20~60° C(-4~140°F)
Approvals	CE FCC class A

Packing List

1. ES7230 x1
2. 1GB Memory Module x 1 pre-installed
3. 2.5" anti-shock HDD mounting kit x 1
4. 60 Watt power adapter (150010072-G) x1
5. Software Driver CD x1
6. PS2 mouse & keyboard cable (190030271-G) x1
7. 100mm 44-pin 2.5" HDD cable(190030523-G) x1
8. ES7230FL quick user's manual x1
9. Mounting bracket x2
10. Screw pack x 1