AR-ES0652

Fanless Embedded System with VIA Mark Corefusion Processor

RoHS Compliant

Embedded System

Features

- ✔ Support VIA Mark CoreFusion 800MHz
- ✔ 1 x SO-DIMM Socket Support PC133 SDRAM up to 512MB
- ✔ VGA/LVDS
- ✔ Audio, USB, IDE, CFII, COM, LAN

SPECIFICATION

System

CPU	VIA Mark 800MHz
Chipset	VIA Mark CoreFusion Processor + 686B
Front Side Bus	133MHz
Memory	1 x 144-pin SO-DIMM socket support PC133 SDRAM up to 512MB, 256MB pre-installed
BIOS	Award
RTC	System
Hardware Monitoring	Yes
WatchDog Timer	Software programmable 1~255 sec.
Security	AES RNG
OS	Windows XP/XP Embedded/CE, Linux

Video

Video Controller	VIA UniChrome Pro 2D/3D integrated graphic controller
Video Interface	1 x VGA port 1 x 18-bit LVDS port

Ethernet

Connector	1 x RJ45
Controller	Realtek RTL8100C (10/100Mbps)

Storage

IDE	1 x IDE (44-pin)
HDD Bay	Anti-shock drive bay for 2.5" HDD
SSD	1 x Compact Flash Type II socket

I/O

Serial Port	3 x RS-232, 1 x RS-232/422/485 (4 x DB9)
USB Port	2 x USB1.1 (2 x external port)
Audio	Stereo Audio output
Keyboard/Mouse	PS/2 keyboard and mouse connector

Mechanical & Environment

Construction	Highly Robust Aluminum
Color	Black
Dimension	220mm x 130mm x 60mm (W x D x H)
Power Supply	100~240V AC input 60W power adapter
Power Mode	Lockable DC plug-in jack AT mode
Indicator	Power LED LAN LED HDD LED
Operating Temp.	0~45°C (32~113°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. AR-ES0652 x 1
2. Quick user guide x 1
3. 256MB memory pre-installed
4. PS/2 keyboard and mouse cable x 1
5. 60 Watt power adapter x 1
6. AC power cord (Optional for USA/EU/UK type) x 1
7. Mounting bracket x 2
8. Screw pack x 2

Ordering Information

AR-ES0652	AR-ES0652 with VIA Mark 800MHz, 256MB SDRAM and power adapter