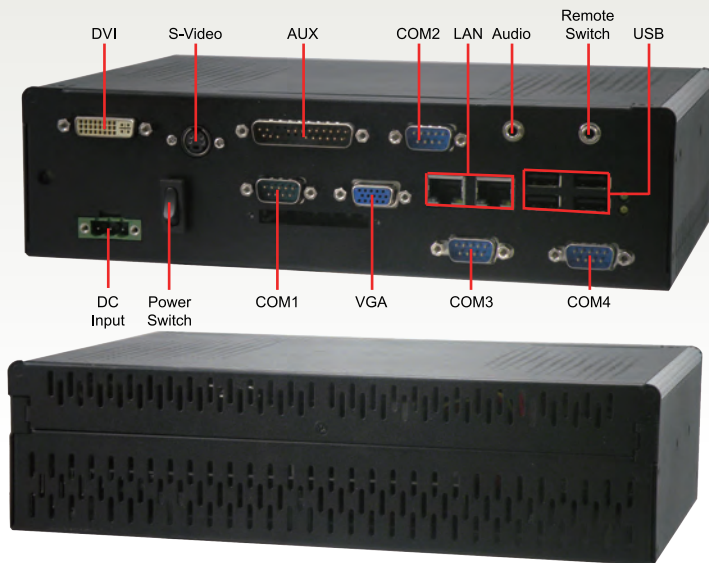


AR-ES5432FL

Fanless Intel Atom and Intel 945GSE Embedded System



Features

- ✓ Intel Atom Processor
- ✓ Intel 945GSE + ICH7M
- ✓ Memory Support DDR2
400/533MHz up to 2GB
- ✓ VGA/DVI/LVDS/TV-Out
- ✓ 4 x COM, 6 x USB2.0, 2 x Gbe
- ✓ CF Socket, PCI-104

Embedded System

SPECIFICATION

System

CPU	Intel Atom N270 1.6GHz
Chipset	Intel 945GSE + Intel ICH7M
Front Side Bus	533MHz
Memory	<ul style="list-style-type: none"> • 1 x 200-pin SO-DIMM socket support 400/533MHz DDR2 SDRAM up to 2GB • 1GB pre-installed

Video

Graphic Controller	Intel 945GSE 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 Chanel 18-bit LVDS port • 1 x TV-Out (S-Video)

Storage

IDE	-
SATA	2 x SATA II port
CF	1 x Compact Flash Type I/II socket support UDMA 33
Disk Bay	1 x Anti-shock 2.5" HDD/SSD bracket

Communication

Ethernet	2 x Gbps RJ45 with LED, Intel 82574L
USB	6 x USB2.0 (4 x external port, 2 x pin header)
Serial Port	<ul style="list-style-type: none"> • 1 x RS-232/422/485 (DB9) (jumper-selectable) • 3 x RS-232 (DB9)

Expansion

PCI Slot	1 x PCI-104
PCI Express Slot	-
miniPCle	-

Other Feature

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

Power Requirement

Power Input	12 (+/-5%) VDC, Lockable Terminal Block
Power Adaptor	100~240VAC, 60W power adaptor
Power Consumption	26.4W without external devices, 2.2A@12V

Software

OS Support	Win XP/XP Embedded, WinCE5.0 & 6.0, Linux Fedora 8.0
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Mechanical & Environment

Thermal Design	Fanless
Chassis Material	Aluminum
Dimension (W x D x H)	251mm x 165mm x 67mm (9.89" x 6.50" x 2.64")
Weight	Net: 1.6kg (3.6Lb)
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-40~80°C (-40~176°F)
Safety	CE, FCC class A

Packing List

- 1 x AR-ES5432FL
- 1 x Driver CD
- 1 x User manual
- 1GB DDR2 SDRAM pre-installed
- 1 x AC power cord (USA or Europe or UK or Japan)
- 1 x 60W Power adaptor

Software

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