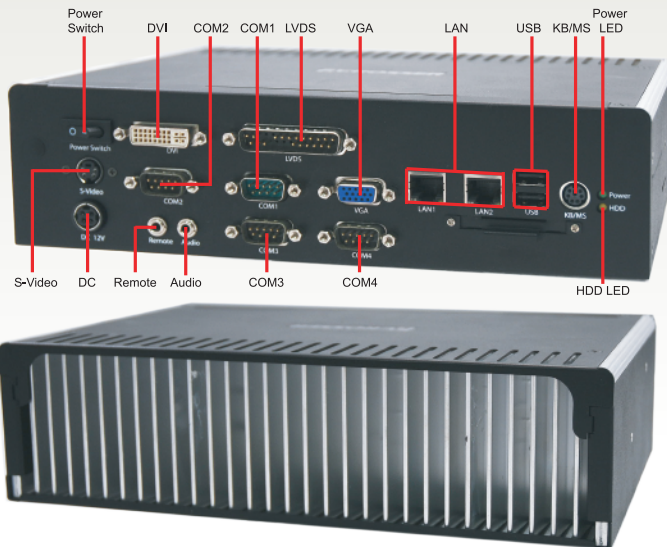


AR-ES5430FL

Fanless and Dustproof Intel 945GME Duo Core Embedded System



Embedded System



Features

- ✓ Intel 945GME + ICH7M
- ✓ Support Core 2 Duo/Core Duo/Celeron M, 533/667MHz FSB
- ✓ VGA/DVI/LVDS/TV out
- ✓ Dual Giga LAN
- ✓ PCI-104 Interface
- ✓ Anti-Shock 2.5" HDD Mounting Kit
- ✓ Audio, USB 2.0, IDE, CFII, COM, GPIO, SATA

SPECIFICATION

System

CPU	Support Intel 65nm Socket M Core 2 Duo/Core Duo/Celeron M FSB 667/533MHz CPU
Chipset	Intel 945GME + Intel ICH7M
Front Side Bus	667MHz / 533MHz
Memory	One SO-DIMM socket support 533/667 DDR2 SDRAM up to 2GB(512MB default)
Battery	Lithium Battery, 3V 220mAH
BIOS	Award
RTC	Yes
Hardware Monitoring	1. CPU voltage 2. CPU and System Temperature 3. System and CPU FAN speed 4. System Fan Speed Control
WatchDog Timer	Software programmable 1~255 sec.
OS	Windows XP/XP Embedded/Win 2000/CE, Linux

Video

Video Controller	Intel 945GME integrated GMA 950 graphic controller
Video Interface	VGA port DVI port Dual 18-bit LVDS port, "integrated PWM interface for LCD backlight inverter control" by DB25 TV-Out

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	Serial ATAII Port x 1
SSD	1 x Compact Flash socket

I/O

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

Mechanical & Environment

Color	Black
Dimension	165mm x 251mm x 67 mm
Power Supply	96W adaptor with AR-B9427A power module Lockable DC plug-in jack
Power Mode Indicator	Power Switch & Remote power switch jack Power LED HDD LED
Operating Temp.	0~50°C (32~122°F) CF Only, 0~45°C (32~113°F) for HDD Type
Storage Temp.	-20~60°C(-4~140°F)
Safety	CE FCC class A

Packing List

1. AR-E5430FL
2. Quick User Guide
3. Utility CD
4. SO-DIMM memory module pre-installed
5. 2.5" anti-shock HDD mounting kit
6. 100mm 44-pin 2.5" HDD cable
7. PS2 mouse & keyboard cable
8. Power adapter
9. USA, Europe and UK AC power cord
10. Mounting bracket
11. Screw pack

Ordering Information

- AR-ES5430FL440
Fanless, with Celeron M 440, 512MB DDRII and AC/DC power adapter
- AR-ES5430FL530
Fanless, with Celeron M 530,512MB DDRII and AC/DC Power Adapter
- AR-ES5430FLT25
Fanless, with Core Duo T2500,512MB DDRII and AC/DC Power Adapter
- AR-ES5430FLT74
Fanless, with Core 2 Duo T7400,512MB DDRII and AC/DC Power Adapter