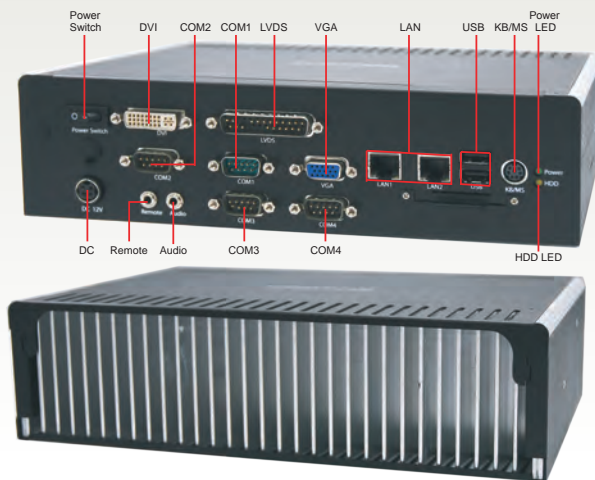


AR-ES5231FL

Fanless and Dustproof Intel 910GMLE Celeron M 1GHz/600MHz
Embedded System



Features

- ✓ Intel 910GMLE + ICH6M
- ✓ Support Celeron M 1GHz/600MHz
- ✓ VGA/DVI/LVDS
- ✓ 2 x Giga LAN
- ✓ PCI-104 Interface
- ✓ Anti-Shock 2.5" HDD Mounting Kit
- ✓ COM, USB2.0, GPIO, SATA, IDE, CFII, Audio

Embedded System

Specification

System

CPU	Onboard Intel Celeron M 1GHz Zero L2 cache/600MHz 512K L2 cache
Chipset	Intel 910GMLE + Intel ICH6M
Front Side Bus	400MHz
Memory	<ul style="list-style-type: none"> • 1 x 200-pin SO-DIMM socket support 400MHz • DDR2 SDRAM up to 1GB • 1GB DDR2 pre-installed

Video

Graphic Controller	Intel 910GMLE integrated GMA 900 graphic controller
Video Memory	DVMT 3.0, Maximum 128MB shared.
Video Interface	<ul style="list-style-type: none"> • 1 x VGA port (DB15) • 1 X DVI port • 1 x Dual Channel 18-bit LVDS port

Storage

IDE	1 x E-IDE (44-pin)
SATA	1 x SATA I port
CF	1 x External Compact Flash Type I/II slot
Disk Bay	1 x Anti-shock 2.5" HDD/SSD bracket

Communication

Ethernet	2 x Gbps RJ45 with LED, Intel 82574L
USB	4 x USB2.0 (2 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) • Automatic RS-485 data flow control

Expansion

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

Other Feature

PS/2	1 x PS/2
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 DC jack
Power Adaptor	100~240VAC, 60W power adaptor

Software

OS Support	Windows XP/XP Embedded/CE, Linux
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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")
Operating Temp.	0~50°C (32~122°F)
Storage Temp.	-20~60°C (-4~140°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	CE, FCC class A

Packing List

- 1 x AR-ES5231FL
- 1 x Quick user guide
- 1 x Utility CD
- 1GB memory pre-installed
- 1 x 2.5" anti-shock HDD mounting kit
- 1 x 2.5" HDD cable (44-pin)
- 1 x PS/2 keyboard and mouse cable
- 1 x SATA cable
- 1 x SATA power cable
- 1 x Power adapter
- 1 x AC power cord (Optional for USA/EU/UK type)
- 2 x Mounting bracket
- 2 x Screw pack

Ordering Information

AR-ES5231FLCM1GZC	AR-ES5231FL with Intel Celeron M 1GHz Zero L2 cache, 1GB DDR2 and 60W power adapter
AR-ES5231FLCM6C	AR-ES5231FL with Intel Celeron M 600MHz 512K L2 cache, 1GB DDR2 and 60W power adapter