



Features

- ✓ Intel Atom N450
- ✓ Memory Support DDR2
400/533/667MHz up to 2GB
- ✓ VGA
- ✓ 2 x COM, 6 x USB2.0, 2 x GbE
- ✓ DIN Mount and Wall Mount

Specification

System	
CPU	Intel Atom N450 1.66GHz
Chipset	Intel ICH8M
Front Side Bus	667MHz
Memory	<ul style="list-style-type: none"> • 1 x 200-pin SO-DIMM socket support 400/533/667MHz DDR2 SDRAM up to 2GB • 1GB DDR2 pre-installed
Video	
Graphic Controller	Intel Atom N450 intergrated
Video Memory	DVMT 3.0, Maximum 224MB shared
Video Interface	<ul style="list-style-type: none"> • 1 x VGA port (DB15) • 1 x 18-bit LVDS (Pin header)
Storage	
IDE	-
SATA	2 x SATA II port
CF	1 x Compact Flash Type I/II slot support UDMA 33
Disk Bay	-
Communication	
Ethernet	2 x Gbps RJ45 with LED, Realtek RTL8111D
USB	6 x USB2.0 (4 x external port, 2 x pin header)
Serial Port	2 x RS-232 (1 x DB9, 1 x pin header)
Expansion	
PCI Slot	1 x PCI-104
PCI Express	-
miniPCle	1 x miniPCle
Other Feature	
PS/2	-
Audio	Realtek ALC888 Audio Codec
Hardware Monitoring	<ul style="list-style-type: none"> • CPU voltage and temperature • CPU and fan speed
WatchDog Time	Software programmable 1~255 sec.
Indicator	Power and HDD LED
GPIO	8-bit Digital I/O

Power Requirement	
Power Input	12V (+/-5%) single voltage input, 3 poles terminal block
Power adapter	100 ~ 240V, 60W power adapter
Power Consumption	19W without external devices

Software	
OS Support	Windows XP/XP Embedded/CE 5.0 & 6.0, Linux kernel 2.6.31

Mechanical & Environment	
Thermal Design	Fanless
Chassis Material	SECC + Aluminum heatsink
Dimension (W x D x H)	222.5mm x 128mm x 78mm
Weight	-
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	CE, FCC class B

Packing List	
<ul style="list-style-type: none"> • 1 x AR-ES6050FLD • 1GB memory per-installed • 1 x Driver CD • 1 x User manual • 1 x DIN mounting bracket • 1 x AC power Cord • 1 x 60W power adapter 	

Optional	
170010587-G	Wall mount bracket x 2
170020028-G	screw x 4

Ordering Information	
AR-ES6050FLD	Intel N450+ICH8M, 1GB DDR2, 12VDC, DIN mount