

Fanless Embedded Box Computer

ECM-I701



Key Feature

- Intel Atom™ N2600/D2550 Processor
- Intel NM10
- DDR3 1066MHz SODIMM, Max 4GB
- LAN x 2
- VGA, HDMI, Dual LVDS
- SATA 2 x 1, CFast x 1
- USB 2.0 x 6, COM x 4, 8 bit I/O
- Mini Card x 1
- +12V DC-IN

SPEC

System	CPU	Intel Atom™ N2600/D2550 Processor (Dual Core 1.6GHz/1.86GHz)
	Chipset	Intel® NM10
	System Memory	204-pin DDR3 SODIMM x 1, Max 4 GB
	Hardware Status Monitor	Voltage and Temperature Monitor
	WatchDog Timer	WatchDog Timeout Programmable via software from 1 to 255 seconds
	LAN	RTL8111E, 10/100/1000Mbps, RJ-45 x 2
	Wake-On-LAN	Support
	Expansion	Mini Card x 1, MIOe
	Power	+12V, AT/ATX
	Consumption	Intel® Atom™ D2550, 0.829A@+12V(9.95W)
I/O Interface	Storage	SATA 2 x 1, CFast x 1, mSATA
	COM	RS-232x3, RS-232/422/485x1
	USB	USB 2.0 x 6
	I/O	Support 8 bin (programmable)
	Audio	Line-in, Line-out, Mic-in
Display	Chipset	Intel® N2600/D2550
	Graphic Engine	Hardware decode H/W acceleration: MPEG2
	H/W Decode/Acceleration	H2.64/VC1/WMV9
	VGA	Up to 1920x1200
	HDMI	Supports 1920x1200, Max data rate: up to 1.65Gb/s, Supports HDMI V1.3 Up to 1080p support
LVDS	18/24-bit LVDS1: up to 1366x768(N2600), 1440x900(D2550) 48bit LVDS2: 2560x1600(D2550)	
Mechanical& Environmental	Dimension	5.75"(L) x 4"(W) (146mm x 102mm)
	Net Weight	0.78kg
Environmental	Operating Temperature	0°C ~ 60°C (32~140°C) (60°C/95% RH, Non-condensing)
	Storage Temperature	-40°C ~ 85°C

Ordering Information

NO.	Illustration
ECM-I701/S001	Onboard ATOM D2550, VGA, HDMI, 4xRS232, LVDS, 6xUSB, 1xSATA, CFast 8 bit GPIO, 2xIntel LAN, AC97, 1xMiniCard with SIM card slot