

# Computer on Module



## ETX CPU Module ES-270

Support Intel Core Duo processor  
Onboard VGA, 2 x SATA, Slim FDD,  
DDR2 SoDIMM, 10/100LAN  
18/24bit dual channel LVDS Interface,  
Support 1 x LPT, 4 x USB2.0, 2 x Serial ,  
AC97 Audio



<b>Form Factor</b>	ETX CPU Module
<b>CPU</b>	Support Intel Core Duo/Core solo Processor Package type: Micro-FCPGA479 Front side bus: 533/667MHz
<b>Memory</b>	One 200-pin DDR2 SO-DIMM SDRAM up to 2GB Non-ECC, unbuffered memory supported only
<b>Chipset</b>	Intel 945GM & ICH7M
<b>Real Time Clock</b>	Chipset integrated RTC with onboard lithium battery
<b>Watchdog Timer</b>	Generates a system reset with internal timer for 1min(sec) ~ 255min(sec)
<b>Power Management</b>	ACPI 1.0 compliant, supports power saving mode with ATX power supply
<b>PCI Enhanced IDE</b>	Support one channels and up to two IDE driver Support UltraDMA33/66/100MHz IDE device
<b>Serial ATA Interface</b>	2 x serial ATA interface with 150MB/s transfer rate
<b>VGA Interface</b>	Intel integrated extreme GMA 950(Graphic Media Accelerator) Technology
<b>Video Memory</b>	Up to 224MB shared with system memory
<b>LVDS interface</b>	Onboard 18-bit & optional 24-bit dual channel LVDS, CRT
<b>Audio Interface</b>	Intel integrated ICH7M with Realtek ALC655 Audio
<b>LAN Interface</b>	Intel 82562GT PHY 10/100Base-T LAN
<b>Extended Interface</b>	Support 4 PCI bus master interface
<b>Internal I/O Port</b>	1 x FDD, 2 x SATA
<b>External I/O Port</b>	1 x PS/2 Keyboard/Mouse, 4 x USB2.0, 1 x LPT, 2 x Serial port, 4 x PCI bus master interface, 1 x IrDA
<b>Power Requirement</b>	5V and 5VSB
<b>Dimension</b>	114mm x 95mm
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade
<b>Ordering Code</b>	
<b>ES-270</b>	Support Intel Core Duo/Solo processor with onboard LVDS, Audio, SATA, USB2.0, LPT, PCI, FDD

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