



4 × 3G Modules in One M2M Fanless PC System

The ECR-10-US is a low power consumption embedded fanless small form factor PC based on Intel® 3th generation Core™ i7/i5/i3 Processors with HM77 chipset or IVB Celeron 1037U processor with NM70 chipset. Its aluminum body allows for maximum heat dissipation and fanless design not only offers quiet operating experience but also delivers dust-resistant performance, which lengthens its cycle life for a great deal. To add to the customization, this fanless system is also equipped with 4 × 3G Modules in one connectivity. This Intel® 3th generation Core™ i7/i5/i3 Processors based mini embedded fanless system is dedicated to automation, digital signage, network security, point of sale, transportation solutions and is designed to be high performance, reliable, secure and easy to manage.

ECR-10-US

4 × 3G Modules in one M2M Fanless PC System

Features

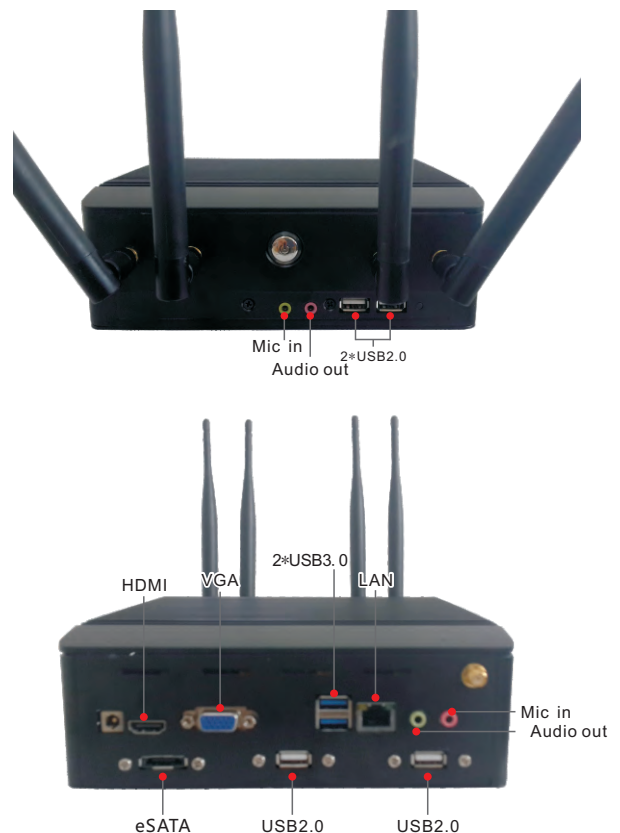
- ◆ Equipped with 4 × 3G Modules Connectivity
- ◆ Onboard Intel® 3th generation Core™ i7/i5/i3 processors with HM77 chipset or IVB Celeron processor with NM70 chipset
- ◆ Onboard Intel® HD Graphics 4000 GPU or Intel® HD Graphics GPU
- ◆ Rich I/O ports: 4 x USB2.0, 2 x USB3.0, 2 x SATA(1×SATA 2.0+1×SATA 3.0), 1×eSATA, Mic in, Audio out
- ◆ Supports PXE, Wake On LAN, Auto Power On Function
- ◆ DDR3 1066/1333/1600 MHz up to 8GB RAM
- ◆ 6 x mini PCIe slots, 1 for WIFI module, 1 for mSATA SSD, 4 for 3Gmodule with 4 external SIM card slots
- ◆ Low power consumption and fanless design



Specifications

CPU		GPU	Chipset
Intel® Core™ i7-3517U Processor (4M Cache, 3.00Ghz, dual-Core, quad-thread, TDP 17W)		Intel® HD Graphics 4000	Intel® HM77
Intel® Core™ i5	3317U Processor (3M Cache, 2.60Ghz, dual-Core, quad-thread, TDP 17W)	Intel® HD Graphics 4000	Intel® HM77
	3337U Processor (3M Cache, 2.70Ghz, dual-Core, quad-thread, TDP 17W)		
Intel® Core™ i3	3217U Processor (3M Cache, 1.80Ghz, dual-Core, quad-thread, TDP 17W)	Intel® HD Graphics 4000	Intel® HM77
	3227U Processor (3M Cache, 1.90Ghz, dual-Core, quad-thread, TDP 17W)		
Intel® Celeron® Processor 1037U (2M Cache, 1.80Ghz, dual-Core, dual-threaded, TDP 17W)		Intel® HD Graphics	Intel® NM70
BIOS		AP01T109	
System Memory		1 x SO-DIMM slot supports DDR3 up to 8GB RAM	
Ethernet		RTL8111F, 10Mbps/100Mbps/1000Mbps, 1 x LAN	
Storage		1x SATA3.0 1x SATA2.0 1x eSATA	
Expansion		6 x mini PCIe slots, 1 for WIFI module, 1 for mSATA SSD, 4 for 3Gmodule with 4 external SIM card slots	
Power Supply		1x DC_IN 12V(4 Pin header for output and input)	
Display Interface		1× VGA, 1x HDMI port(2048x 1536/75HZ)	
LCD Interface		1X dual channel 24 bit or single channel 18 bit LVDS header	
I/O Controller		IT8786E	
USB		4x USB2.0, 2x USB3.0	
Audio		ALC662 chip, 2*Mic in, 2*Audio out	
Wake on LAN		Yes	
Enclosure Material		Aluminum Alloy	
Coating Processes			
Mounting Option			
Color		Black	
Operating Temperature		-20℃~65℃	
Dimension		190mm x190mm x 68mm	
Weight		2.5kg	

Its aluminum body allows for maximum heat dissipation, and compared to traditional design, its fanless design offers quietness and dust-resistant performance. Besides, its railway design on the surface enlarges dissipation area for a great deal and enhances heat release function.



This system is equipped with display interfaces as HDMI(2048x1536/75HZ), VGA, allowing for multiple display and high definition effect. Besides, its rich I/O ports enables it be compatible with various applications.

Mighty Riser Card

1 USB to 4 × mini PCIe + 4 × SIM Card Slots

