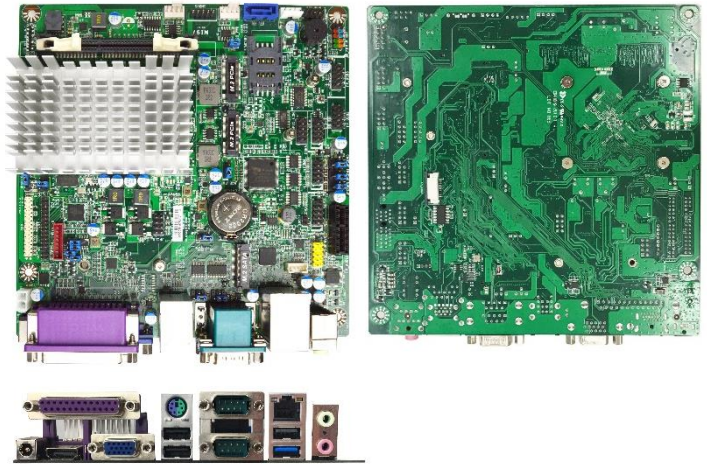


MI97 Series

Support Intel® Bay Trail N2930 SoC Processor, DDR3L SO-DIMM up to 8GB, 1* M.2 (M-key, 2242/2280), 1* M.2 (E-key, 2230), 1* M.2 (B-key, 3042), 1* GbE, 1* 24-bit Dual CH LVDS (co-layout eDP)

1. Support Intel® Bay Trail N2930 SoC Processor
2. 1* DDR3L 1333MHz SO-DIMM up to 8GB
3. 1* 10/100/1000 Base-TX Ethernet Port
4. 1* HDMI, 1* VGA, 1* LVDS (co-layout with eDP)
5. 5* COM (COM1 support RS232/422/485), 1* USB3.0, 7* USB2.0
6. 1* M.2 M-key 2242/2280 (SATA interface), 1* M.2 E-key 2230 (PCIe x1/USB2.0 interface), 1* M.2 B-key 3042 (USB2.0 interface) W/SIM card holder
7. 1* SATA II (3Gb/s)
8. Support 12V DC-in PWR
9. 1* PCIe x1 slot
10. Support TPM2.0 (MI97-32)



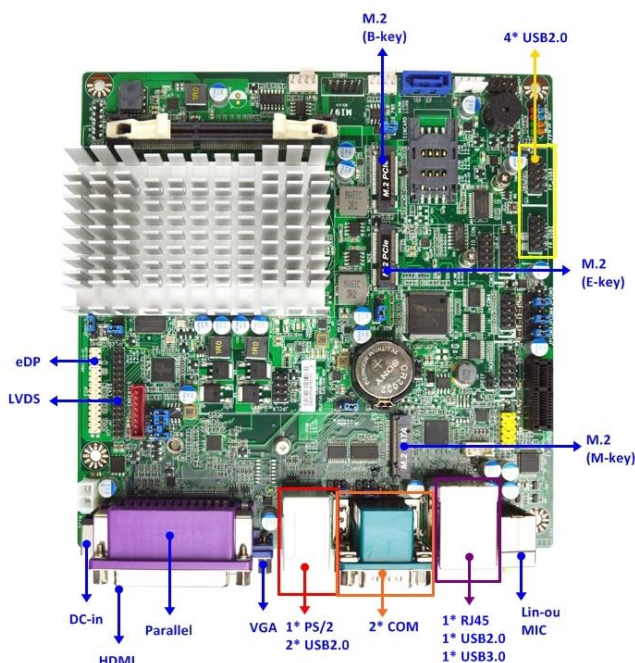
Overview

The JETWAY MI97 Series is Mini ITX form factor board adopts the Intel® Bay Trail N2930 SoC Processor. The board supports one SO-DIMM DDR3L 1333Mhz memory, up to 8GB. Featuring the integrated Intel® Gigabit Ethernet controller, the MI97 offers one 10/100/1000Base-TX Ethernet device for network transmission. One SATAII (3Gb/s) interface and one M.2 (M-key, 2242/2280. SATA interface) offer storage devices. One USB3.0, seven USB2.0 ports and five COM ports provide versatile expansion. The M.2 (E-key 2230. PCIe x1/USB2.0 interface) can support WiFi card. The M.2 (B-key, 3042. USB2.0 interface) W/SIM card holder supports 4G/LTE card application. The MI97 Series offers one HDMI port, one VGA and one LVDS (co-layout with eDP port). Because of the above features, MI97 is suitable for Industrial, KIOSK, POS machine, Automation Solution applications.

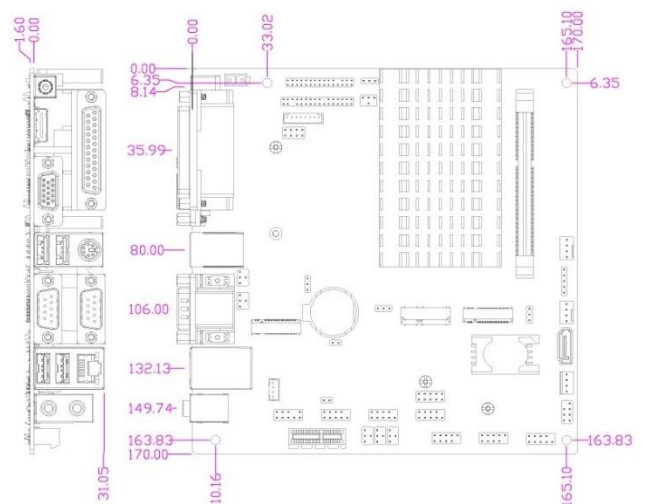
Application

Industrial/KIOSK/POS Machine/Automation Solution

I/O Diagram



Mechanical Drawings (Unit = mm)



Specifications

Model	Form Factor
<ul style="list-style-type: none">MI97-30MI97-32 (Equipped with TPM2.0 model)	Mini ITX (170 * 170mm)
Processor System	Expansion Slot
<ul style="list-style-type: none">Intel® Bay Trail N2930 SoC ProcessorAMI Flash ROM BIOS	1* M.2 (E-key, 2230. USB2.0 & PCIe1 interface) 1* M.2 (B-key, 3042. USB2.0 interface) W/SIM card holder 1* PCIe x1 slot
Memory	Graphics
1* SO-DIMM DDR3L 1333MHz Single CH SDRAM up to 8GB	<ul style="list-style-type: none">Intel® HD Graphics, shared memory1* LVDS (Max Resolution: 1920x1200@60Hz)1* eDP (Max Resolution: 2560x1600@60Hz). Co-layout with LVDS1* VGA (Max Resolution: 1920x1200@60Hz)1* HDMI (Max Resolution: 1920x1200@60Hz)
Ethernet	Audio
1* GbE (1*Intel i211AT)	4 channel HD audio: Realtek® ALC662
Storage	Integrated Storage
<ul style="list-style-type: none">1* SATAII1* M.2 (M-key, 2242/2280. SATA interface)	N/A
Rear I/O	Internal Connector
<ul style="list-style-type: none">1* USB3.03* USB2.01* HDMI1* VGA1* PS/21* RJ452* COM (COM1 support RS232/422/485)1* ParallelLine-out/MIC1* 12V DC-in PWR	<ul style="list-style-type: none">4* USB2.03* COM1* LVDS (co-layout with eDP)1* SATAII1* GPIO (8 bit)1* Audio Header (W/3W Amp.)1* SMBUS1* CPU FAN1* TPM2.0 onboard (MI97-32)
Watchdog Timer	Power
<ul style="list-style-type: none">From Super I/O to drag RESETCON#256 segments (10sec ~ 255min)	12V DC-in (2-pin PWR Con) - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Compliance	Temperature
CE, FCC, LVD, RoHS, REACH	<ul style="list-style-type: none">Operating: 0°C ~ 60°C (with 0.7m/s air flow)Storage: -20°C ~ 85°CHumidity: 10% ~ 90% RH @40°C (non-condensing)
Warranty	
2 Years Limited Warranty	

* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

Accessories

Parts Number	Description	Parts Number	Description
-----	MI97 M/B		