

IMB-150

Mini-ITX IMB with Intel BayTrail-D/M CPU Celeron Quad/Dual-Core J1900/N2930, 2LAN VGA/HDMI/LVDS,4USB3/6USB2, 5COM, DC-IN



Features

- Intel BayTrail-D Celeron Quad-Core J1900 2.0GHz CPU
- Intel BayTrail-M Celeron Quad-Core N2930 1.83GHz CPU
- Supports DDR3 1333MHz, 2 x SO-DIMM, up to 8GB system memory
- 1 x COM (RS-232/422/485), 4 x COM (RS-232)
- 1 x VGA, 1 x HDMI, 1 x 24 bit Dual Channel LVDS
- 4 x USB 3.0, 6 x USB 2.0, 2 x SATA3
- 1 x mSATA, 1 x PCIe1, 1 x mini-PCIe
- 2 x Gigabit LAN
- Supports both 9 ~ 19V DC-in and ATX Power

Specifications

MITX-150 Key Features		IMB-150D	IMB150N
Processor System	CPU Cores	J1900 / 4-Core	N2930 / 4-Core
	Cache / Speed / Max.P.	2MB / 2.0G	2MB / 1.83G
	Max Power	10W	7.5W
	BIOS	AMI UEFI	
Expansion Slot	PCIE x 1	1 x PCIE x1	
	Mini-PCIe	1 x half-size	
	mSATA	1 x full-size (shared with 2 nd SATA)	
Memory	Specification (SO-DIMM)	2 x Dual Channel DDR3-1066/1333MHz SDRAM	
	Max. Capacity	Up to 8GB system memory	
Graphics	VGA	Supports resolution up to 1920x1200 32-bit @ 60MHz	
	HDMI	Supports resolution up to 1920x1200 32-bit @ 60MHz	
	LVDS	24 bit dual channel LVDS	
Ethernet	Interface Controller	2 x GbE LAN(Realtek LAN)	
SATA	Connector	2 x RJ-45	
	SATA III	2 x SATA2	
System Rear I/O	VGA	1 x DB15	
	HDMI	1 x HDMI	
	Serial	3 x DB9 (1 x RS-232/422/485 + 2 x RS-232)	
	Ethernet	2 x RJ45	
	USB	2 x USB 3.0 + 2 x USB 2.0 Type A	
	Audio	1 x Audio ports (Mic-in, Line-out)	
	KB/MS	1 x PS/2 KB, 1 x PS/2 MS	
Internal Connector	USB 2.0	4 x USB 2.0 (2 x 2.54 pitch 2x5-10pin header)	
	USB 3.0	2 x USB 3.0 (1 x 19-pin box header)	
	LVDS	1 x 40-pin 24 bit dual channel LVDS	
	Serial	2 x RS-232 by 2.54 pitch 2x5-10pin pin header	
	SATA	2 x SATA2	
	m-SATA	1 x full-size	
	Mini-PCIe	1 x half-size	
	GPIO	4 x GPI + 4 x GPO	
	SATA PWR Connector	1 x 4-pin	
Watchdog Timer	ATX	1 x 20-pin ATX, 1 x 4-pin ATX12V (9V-19V) power input connector	
	Output	Output from super I/O to drag RESETCON#	
Power Requirements	Interval	256 Segments, 0,1,2...255 Sec/Min	
	Input PWR	9-19V DC-in(4-pin ATX PWR Con) or ATX 20-pin	
	Power On	AT/ATX Supported	
		AT : Directly PWR on as power input ready ATX: Press button to PWR on after power input ready	
Environment	Temperature	Operating	None-operating
		0 ~ 60°C (32 ~ 140°F)	-40 ~ 85°C (-40 ~ 185°F)
Physical Size	Dimensions	170mm(W) x 170mm(D)	