

IMB-185

Mini-ITX Industrial M/B with Intel H81 Chipset
Socket LGA1150 i7/i5/i3/Celeron Haswell CPU
VGA/HDMI/LVDS, 2LAN, 2USB3/8USB2, 6COM



Features

- Socket LGA1150 for Intel Core i7/i5/i3/Celeron (Haswell)
- Intel H81 Chipset
- Integrated Intel HD Graphics Built-in Visuals
- Supports DDR3 1600MHz, 2 x SO-DIMM, up to 16GB system memory
- 3 x COM (RS-232/422/485), 3 x COM (RS-232)
- 1 x VGA, 1 x HDMI, 1 x 24 bit Dual Channel LVDS
- 2 x USB 3.0, 8 x USB 2.0, 2 x SATA3, 2 x SATA2
- 1 x mSATA, 1 x PCIe x16
- Gigabit LAN: 1 x Intel I210, LAN2: 1 x Intel I217V
- 1 x TPM Header

Specifications

IMB-185 Key Features		IMB-185-i7	IMB-185-i5	IMB-185-i3	IMB-185-C
Processor System	CPU Cores	i7-4770S / 4-Core	i5-4570S / 4-Core	i3-4330 / 2-Core	G1820 / 2-Core
	Cache / Speed / Max.P.	8MB / 3.1G / 65W	6MB / 2.9G / 65W	4MB / 3.5G / 54W	2M / 2.7G / 53W
	Chipset	H81			
	BIOS	AMI UEFI			
Expansion Slot	PCIe x 16	1 x PCIe (x16)			
	Mini-PCIe	0			
	mSATA	1 x full-size for mSATA			
Memory	Specification (SO-DIMM)	2 x Dual Channel DDR3-1066/1333/1600 MHz SDRAM			
	Max. Capacity	16 GB			
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	GbE LAN1: Intel I217V(w/o v-Pro support) , LAN2: Intel I210			
	Connector	2 x RJ-45			
SATA	SATA III	2 x SATA3			
	SATA II	2 x SATA2			
System Rear I/O	VGA	1 x DB9			
	HDMI	1 x HDMI			
	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)			
Internal Connector	Serial	3 x DB9 (RS-232/422/485 are selectable by BIOS)			
	USB 2.0	6 x USB 2.0 (3 x 2.54 pitch 2x5-10pin header)			
	LVDS	1 x 24 bit dual channel LVDS			
	Serial	3 x RS-232 by 2.0 pitch 2x5-10pin box header			
	SATA	2 x SATA3, 2 x SATA2			
	m-SATA	1 x full-size			
	GPIO	4 x GPI + 4 x GPO			
	SATA PWR Connector	0			
Watchdog Timer	Speaker Header	1			
	Output	Output from super I/O to drag RESETCON#			
Power Requirements	Interval	256 Segments, 0,1,2...255 Sec/Min			
	Input PWR	ATX PWR (4 + 24)			
	Power On	AT/ATX Supported			
Environment		AT : Directly PWR on as power input ready			
		ATX: Press button to PWR on after power input ready			
Physical Size	Temperature	Operating		None-operating	
	Dimensions	0 ~ 60°C (32 ~ 140°F)		-40 ~ 85°C (-40 ~ 185°F)	