

PRODUCT CATALOG

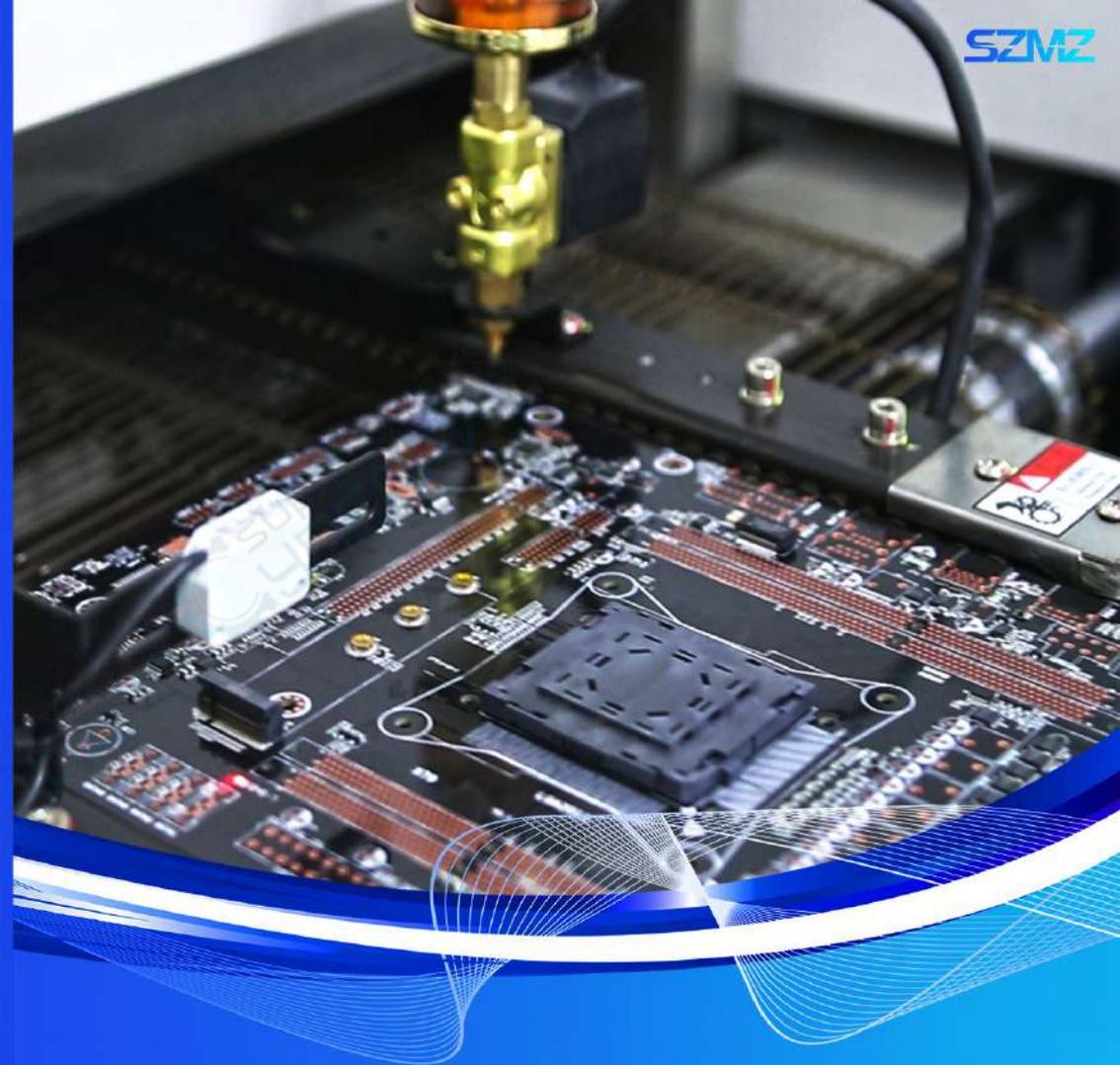
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SZMZ TECHNOLOGY

We deliver value, we pursue excellence

- Motherboard
- Memory
- Graphics card
- Mini PC host
- All-in-one PC

Catalog

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About Us

Shenzhen Mingzhi Industry Technology Co., Ltd is one of the top 3 OEM motherboard manufacturers in mainland China, which is specialized in R&D, OEM / ODM designing, manufacturing, and marketing of Motherboards, RAM, SSD, All-in-one Host, Desktops, Laptops, Graphics cards, Mini PC, etc.

Factory occupied 6000 m², with latest production lines from BGA Reballing, SMT, DIP Plug-in, Wave Soldering, Testing to Packing, and professional site designers, software & hardware engineers, skilled staffs, and scientific management, strong capability of production, plus years of efforts, we has successfully developed many models of products . High quality, competitive price, timely deliveries, excellent sales and after-sales team, which gained us long term business relationships with thousands of clients and a great reputation and increasing market share in global market.

We deliver value.

We pursue excellence.

Money Printing Machine

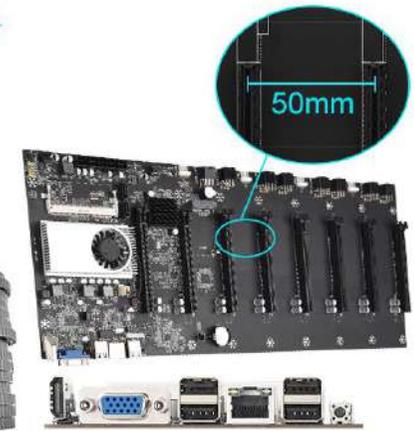


Ready-to-mine Rig

Motherboard	BTC-T37 / BTC-D37 / BTC-S37
Chipset	Intel HM65
CPU	Intel® Celeron CPU 847@1.1GHZ / 1037U@1.80GHZ
RAM	4GB DDR3
Hard disk	128G MSATA SSD
Expansion slot	PCIe X16 Slot
Power Supply	1800W ATX Power Supply
Display interface	VGA+HDMI interface / 4*USB
Connecting line	8 pure copper double 8pin(6+2) pin power supply lines
Fan	4Fan 12038 6000RPM
OS	Windows 10 64bit
Case size	630*400*180mm

BTC-T37(professional mining motherboard)

Processor	Intel® Celeron® CPU 847@1.1GHZ / 1037U @1.80GHZ
Chipset	Intel® HM77 Chipset
Memory	1*SODIMM DDR3 1066/1333/1600MHz Slots, up to 8GB
Storage	1*SATA3.0 + 1*SATA2.0 + 1*mSATA2.0
Expansion Slots	8*PCIE 16X Slots
Ethernet	1*Realtek RTL8111F, Gigabit Ethernet
USB	8*USB2.0
I/O	1*HDMI 1*VGA 1*RJ45 Switch button 4*USB2.0
Power Supply	ATX 24PIN + 4PIN
Size	470MM*195MM
Slot Space	50MM



BTC-D37(professional mining motherboard)

Processor	Intel Celeron CPU 1037U / 847 B8XX B9XX, randomly shipped
Chipset	Intel® HM65 Chipset
Memory	1*SODIMM DDR3 1066/1333/1600MHz Slots, up to 8GB
Storage	1*SATA3.0, 1*SATA2.0, 1*mSATA3.0 SSD
Expansion Slots	8*PCIE 16X Slots
Ethernet	1*Gigabit Ethernet RJ45
USB	4*_USB2.0, 4*USB2.0
I/O	1*HDMI 1*VGA 1*RJ45 Switch button 4*USB2.0
Power Supply	ATX / DC 8*6Pin + 8*6Pin
Size	554MM*195MM
Slot Space	55MM



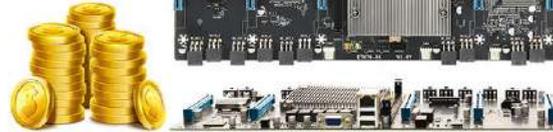
BTC-S37(professional mining motherboard)

Processor	Intel® Celeron® CPU 847@1.1GHZ / 1037U @1.80GHZ
Chipset	Intel® HM77 Chipset
Memory	1*SODIMM DDR3 1066/1333/1600MHz Slots, up to 8GB
Storage	1*mSATA SSD
Expansion Slots	8*PCIE 16X Slots
Ethernet	1*Gigabit Ethernet RJ45
USB	4*_USB2.0, 4*USB2.0
I/O	1*HDMI 1*VGA 1*RJ45 Switch button 4*USB2.0
Power Supply	ATX / DC 8*6Pin
Size	575MM*195MM
Slot Space	65MM



ETH79-X5 (professional mining motherboard)

Processor	Intel XEON E5-26XX LGA2011 V1/V2 series CPU
Chipset	Intel® Desktop H61 Chipset
Memory	1*DDR3 ECC/Desktop 1066/1333/1600/1866MHz slots
Storage	1*SATA2.0 + 1*mSATA2.0
Expansion Slots	5*PCIE 16X Slots, x8 GEN3 Speed
Display	Onboard VGA AST2400
Ethernet	1*Realtek RTL8105E 100M LAN
USB	4*USB2.0
I/O	1*VGA
	1*USB2.0*2+100M RJ45
Power Supply	10*6PIN DCIN/OUT 12V
Size	350MM*180MM



ETH-HSW3 (professional mining motherboard)

Processor	Intel 4th Generation Dual Core U-Series Mobile CPU
Memory	1*DDR3 SO-DIMM
Storage	1*mSATA
Expansion Slots	8*PCIE 16X Slots (PCIE x1 Gen2 Speed)
Video Output	1*HD
Network interface	Intel i211at 100M/1000M
System	Win10
USB	4*USB2.0
I/O	1*RJ45 1000M
	1*HD
	4*USB2.0
Power Supply	4*6PIN 12V DCIN/OUT
Size	573MM*127MM / 210MM*105MM



ETH-B75 (professional mining motherboard)

Processor	Intel Core™ /Pentium® /Celeron® LGA1155 series CPU
Chipset	Intel® B75 Chipset
Memory	1*SODIMM DDR3/DDR3L 1066/1333/1600MHz
Storage	1*mSATA 3.0 + 1*SATA2.0
Expansion Slots	8*PCIE 16X Slots, x1 GEN1.1 Speed
Display	Onboard VGA Port
Ethernet	1*Realtek RTL8105E 100M LAN
USB	2*USB3.0 + 4*USB2.0
I/O	1*VGA
	2*USB3.0
	1*RJ45
	2*USB2.0
	1*Power Button
Power Supply	16*6PIN 12V DCIN/OUT
Size	628MM*180MM



Mini Miner-A (Mining Machine)

Processor	Intel 4th Gen Dual Core U-Series CPU
Memory	1* DDR3/DDR3L SODIMM Slot
Storage	1*mSATA
Expansion Slots	8*PCIE 16X Slots
Display	1*HD
Ethernet	Intel i211AT 100M/1000M
Fans	4*5000 RPM Fans
USB	4*USB2.0
System	Win10, Miner OS
Power Supply	8*6PIN 12V DCIN/OUT
Size	335MM*300MM*150MM



ETH-HSW2 (professional mining motherboard)

Processor	Intel 4th Generation Dual Core U-Series Mobile CPU
Memory	DDR3 SO-DIMM
Storage	1*mSATA
Expansion Slots	6*PCIE 16X Slots (PCIE x1 Gen2 Speed)
Video Output	1*HD
Network interface	Intel i211at 100M/1000M
System	Win10
USB	4*USB2.0
I/O	1*RJ45
	1*HD
	4*USB2.0
Power Supply	4*6PIN 12V DCIN/OUT
Size	456MM*127MM / 210MM*105MM



Mini Miner-B (Mining Machine)

Processor	Intel 4th Gen Dual Core U-Series CPU
Memory	1* DDR3/DDR3L SODIMM Slot, 4GB/8GB
Storage	1*mSATA
Expansion Slots	8*PCIE 16X Slots
Display	1*HD
Ethernet	Intel i211AT 100M/1000M
Fans	4*5000 RPM Fans
USB	4*USB2.0
System	Win10, Miner OS
Power Supply	8*6PIN 12V DCIN/OUT
Size	460MM*340MM*150MM



ETH79-X5B (professional mining motherboard)

Processor	Intel XEON E5-26XX LGA2011 V1/V2 series CPU
Chipset	Intel® Desktop H61 Chipset
Memory	1*DDR3 ECC/Desktop 1066/1333/1600/1866MHz slots
Storage	1*SATA2.0 + 1*mSATA2.0
Expansion Slots	5*PCIE 16X Slots, x8 GEN3 Speed
Display	Onboard VGA AST2400
Ethernet	1*Realtek RTL8105E 100M LAN
USB	4*USB2.0
I/O	1*VGA
	1*USB2.0*2+100M RJ45
Power Supply	10*6PIN DCIN/OUT 12V
Size	450MM*185MM



ETH79-X5B + FAN

Processor	Intel XEON E5-26XX LGA2011 V1/V2 series CPU
Chipset	Intel® Desktop H61 Chipset
Memory	1*DDR3 ECC/Desktop 1066/1333/1600/1866MHz slots
Storage	1*SATA2.0 + 1*mSATA2.0
Expansion Slots	5*PCIE 16X Slots, x8 GEN3 Speed
Display	Onboard VGA AST2400
Ethernet	1*Realtek RTL8105E 100M LAN
USB	4*USB2.0
I/O	1*VGA
	1*USB2.0*2+100M RJ45
Power Supply	10*6PIN DCIN/OUT 12V
Size	450MM*185MM



B250



Processor	Intel Core /Pentium /Celeron LGA1151 6/7/8 Gen CPU
Chipset	Intel® B250 Chipset
Memory	2*DDR4 desktop 2133/2400/2666MHz RAM Slots (For dual Channel, Not support ECC/REG RAM)
Storage	3*SATA 3.0
Expansion Slots	1*PCIE 16X(x16 GEN3) +11*PCIE 1X(x1 GEN1.1)
Display	Onboard VGA Port
Ethernet	1*Realtek RTL8111H Gigabit Network (Support Wake on Lan ((WoL) and PXE Boot)
Audio	1*Realtek ALC662 5.1 Sound Channel Audio Cluster
USB	4*USB3.0+4*USB2.0
I/O	1*PS/2 (Support PS2 Keyboard+mouse) 1*RJ45 1* 5.1 Sound Channel Audio Cluster 1*VGA,1*HDMI 2*USB2.0 ,2*USB3.0
Power Supply	ATX 24PIN+ATX 8PIN
Size	281.36MM*170MM



ETH-B75 + FAN

Processor	Intel Core™ /Pentium® /Celeron® LGA1155 series CPU
Chipset	Intel® B75 Chipset
Memory	1*SODIMM DDR3/DDR3L 1066/1333/1600MHz
Storage	1*mSATA 3.0 + 1*SATA2.0
Expansion Slots	8*PCIE 16X Slots, x1 GEN1.1 Speed
Display	Onboard VGA Port
Ethernet	1*Realtek RTL8105E 100M LAN
USB	2*USB3.0 + 4*USB2.0
I/O	1*VGA 2*USB3.0 1*RJ45 2*USB2.0 1*Power Button
Power Supply	16*6PIN 12V DCIN/OUT
Size	628MM*180MM



B250S



Processor	Intel Core /Pentium /Celeron LGA1151 6/7/8 Gen CPU
Chipset	Intel® B250 Chipset
Memory	2*DDR4 desktop 2133/2400/2666MHz RAM Slots (For dual Channel, Not support ECC/REG RAM)
Storage	3*SATA 3.0
Expansion Slots	1*PCIE 16X (x16 GEN3) +11*USB3.0 (x1 GEN1.1)
Display	Onboard VGA + HDMI Port
Ethernet	1*Realtek RTL8111H Gigabit Network (Support Wake on Lan ((WoL) and PXE Boot)
Audio	1*Realtek ALC662 5.1 Sound Channel Audio Cluster
USB	4*USB3.0+4*USB2.0
I/O	1*PS/2 (Support PS2 Keyboard+mouse) 1*RJ45 1* 5.1 Sound Channel Audio Cluster 1*VGA,1*HDMI 2*USB2.0 ,2*USB3.0
Power Supply	ATX 24PIN+ATX 8PIN
Size	281.36MM*170MM



Motherboard



X99-D8I

Processor	Intel XEON E5 LGA 2011-3 V3/V4 series CPU
Chipset	Intel® X99 Chipset
Memory	8* DDR4 2133/2400MHz Slots, up to 256GB
Storage	6*SATA3.0
Expansion Slots	2*PCIE 16X 3.0 Slots, 1*PCIE 4X Slot, 2*PCIE 1X Slots
M.2	2*NVME M.2(PCIE-M2 X4 GEN3, PCIE-M2_2 X4 GEN2) 1*NGFF M.2(Support WIFI+BT)
Ethernet	1*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC892 Audio Chipset
USB	6*USB3.0 + 6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (8 Sound Channel) 4*USB2.0 4*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	302MM*243.84MM



X99-E8I

Processor	Intel XEON E5 LGA2011-3 V3/V4 series CPU
Chipset	Intel® Q87 Chipset
Memory	8* DDR4 ECC RAM 2133/2400MHz Slots, up to 256GB
Storage	6*SATA 3.0
Expansion Slots	2*PCIE 16X 3.0 Slots, 1*PCIE 4X Slot, 1*PCIE 1X Slot
M.2	2*NVME M.2 PCIE 1*NGFF M.2(Support WIFI+BT)
Ethernet	1*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC892 Audio Chipset
USB	8*USB3.0+5*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (8 Sound Channel) 2*USB2.0 6*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	302MM*243.84MM



X99 Dual

Processor	2*Intel LGA 2011-3 V3/V4 series CPU
Chipset	Intel® X99 Chipset
Memory	8* DDR4 ECC RAM 2133/2400MHz Slots, up to 256GB
Storage	10*SATA3.0
Expansion Slots	1*PCIE 16X 3.0 Slots, 3*PCIE 1X 2.0 Slots
M.2	1*NVME M.2 PCIE
Ethernet	2*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC862 Audio Chipset
USB	6*USB3.0 + 4*USB2.0
I/O	1*VGA 1*RJ45USB 1*AUDIO (5.1 Sound Channel) 2*USB2.0 4*USB3.0
Power Supply	ATX 24PIN + ATX 2*8PIN
Size	300MM*304MM



X99 Dual F2

Processor	2*Intel XEON E5 LGA2011-3 V3 series CPU
Chipset	Intel® X99 Chipset
Memory	8* DDR4 ECC RAM 2133/2400MHz Slots, up to 256GB
Storage	10*SATA3.0
Expansion Slots	2*PCIE 16X (x16 GEN3) Slots, 3*PCIE 1X Slots
M.2	1*NVME M.2 PCIE
Ethernet	2*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC862 Audio Chipset
USB	6*USB3.0 + 6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 2*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0 4*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN + ATX 8PIN
Size	304MM*300MM



X99-S3

Processor	Intel XEON E5 LGA2011-3 V3/V4 series CPU
Chipset	Intel® H81 Chipset
Memory	8* DDR4 ECC RAM 2133/2400MHz Slots, up to 256GB
Storage	6*SATA 3.0
Expansion Slots	2*PCIE 16X 3.0 Slots, 1*PCIE 4X Slot, 1*PCIE 1X Slot
M.2	2*NVME M.2 PCIE 1*NGFF M.2(Support WIFI+BT)
Ethernet	1*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC892 Audio Chipset
USB	8*USB3.0+5*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (8 Sound Channel) 2*USB2.0 6*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	302MM*243.84MM



X79 Dual-C

Processor	Intel XEON E5 LGA2011 V1/V2 series CPU
Chipset	Intel® X79 Chipset
Memory	16*DDR3 ECC 1066/1333/1600/1866MHz Slots, up to 256GB
Storage	5*SAS(SATA3.0*20) + 1*PCH_SAS(SATA2.0*4) +1*mSATA3.0 + 1*SATA3.0
Expansion Slots	2*PCIE 16X Slots, 1*PCIE 8X Slot (x8 GEN3 Speed)
M.2	1*NVME_M.2 PCIE
Ethernet	2*Intel I210AT Gigabit LAN + 1*Realtek RTL8211E
Sound card	1*Realtek ALC662 Audio Chipset
USB	8*USB2.0
I/O	1*VGA 2*RJ45 1*RJ45(Realtek RTL8211E can't be used) 1*AUDIO (5.1 Sound Channel) 6*USB2.0
Power Supply	ATX 24PIN+ATX 8PIN+ATX 8PIN
Size	330MM*304.8MM



X79M2-Q

Processor	Intel Xeon LGA2011 V1/V2 series CPU
Chipset	Intel® HM85 Chipset
Memory	2*DDR3 Desktop/ECC 1066/1333/1600/1866MHz RAM Slots, 64GB
Storage	2*SATA3.0 + 2*SATA2.0
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 4X Slot
M.2	1*NVME M.2 PCIE
Ethernet	1*Realtek RTL8111F Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	8*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 6*USB2.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	242MM*180MM



X99-X10D2D

Processor	Intel XEON E5 LGA2011-3 V3/V4 series CPU
Chipset	Intel® X99 Chipset
Memory	8* DDR4 ECC RAM 2133/2400MHz
Storage	10*SATA 3.0 + 1*NVME M.2
Expansion Slots	4*PCIE 16X GEN3 Slots, 2*PCIE 8X GEN3 Slots 1*PCIE 1X GEN2 Slot
M.2	1*NVME M.2 PCIE x4 Gen2 Speed
Ethernet	2*Intel i210 Gigabit LAN, 1*RTL8211E BMC LAN
Graphics card	Support ASPEED AST2400 BMC
USB	4*USB3.0 + 6*USB2.0
Server	Windows Server 2008 R2(64bit) / Windows SBS 2011(64bit) Windows Server 2012/2012 R2(64bit) / Ubuntu Server(32bit/64bit) Redha Enterprise Linux Server(32bit/64bit) / Suse Enterprise Linux Server(32bit/64bit)
Power Supply	ATX 24PIN+ATX 8PIN+ATX 8PIN
Size	335MM*380MM



X58 Dual

Processor	Intel® Xeon® CPU L5520 @2.27GHz CPU
Chipset	Intel® X58 Chipset
Memory	4*DDR3 Desktop/ECC 800/1066MHz Slots, up to 128GB
Storage	4*SATA 2.0+1*NVME M.2
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 4X Slot, 1*PCIE 1X Slot
M.2	1*NVME M.2 x4 Gen2
Ethernet	1*Realtek RTL8111G Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	4*USB3.0+8*USB2.0
I/O	1*RJ45 1*AUDIO (5.1 Sound Channel) 6*USB2.0 2*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	292.8MM*247MM



B85

Processor	Intel Core(TM)/Celeron/Pentium/Xeon E3 V3 LGA1150 series CPU
Chipset	Intel® B85 Chipset
Memory	2 Channel DDR3/DDR3L PC RAM 1066/1333/1600MHz, up to 16GB
Storage	4*SATA3.0
Expansion Slots	1*PCIE 8X Gen3 Speed, 1*PCIE 1X Gen2 Speed
Ethernet	1*Realtek RTL8106E 100M LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	6*USB2.0+4*USB3.0
I/O	1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0 2*USB3.0
Power Supply	24PIN ATX + 4PIN ATX
Size	188MM*168.5MM



X99 Dual Z8

Processor	2*Intel XEON E5 LGA2011-3 V3/V4 series CPU
Chipset	Intel® X99 Chipset
Memory	8* DDR4 ECC RAM 2133/2400MHz Slots, up to 256GB
Storage	9*SATA 3.0
Expansion Slots	1*PCIE 16X 3.0 Slot, 3*PCIE 1X Slots
M.2	1*NVME M.2, 1*SATA3.0 M.2
Ethernet	2*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	6*USB3.0+6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 2*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0 4*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN + ATX 8PIN
Size	300MM*304MM



X99M-H

Processor	Intel XEON E5 LGA2011-3 V3/V4 series CPU
Chipset	Intel® H81 Chipset
Memory	4* DDR4 PC/ECC 2133/2400MHz Slots, up to 128GB
Storage	2*SATA 3.0 + 2*SATA2.0
Expansion Slots	1*PCIE 16X GEN3 Slot, 1*PCIE 4X GEN3 Slot
M.2	1*NVME M.2 PCIE 1*M.2 KEY A/E WIFI(Support WIFI)
Ethernet	1*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	6*USB3.0 + 4*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 2*USB2.0 4*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	242MM*200MM



X99M-G2

Processor	Intel XEON E5 LGA2011-3 V3/V4 series CPU
Chipset	Intel® H81 Chipset
Memory	4* DDR4 PC/ECC 2133/2400MHz Slots, up to 128GB
Storage	2*SATA 3.0 + 2*SATA2.0
Expansion Slots	1*PCIE 16X 3.0 Slot, 1*PCIE 4X Slot
M.2	1*NVME M.2 PCIE 1*M.2 KEY A/E WIFI(Support WIFI)
Ethernet	1*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	6*USB3.0 + 4*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 2*USB2.0 4*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	242MM*200MM



X99M-H2

Processor	Intel XEON E5 LGA2011-3 V3/V4 series CPU
Chipset	Intel® H81 Chipset
Memory	4* DDR4 PC/ECC 2133/2400MHz Slots, up to 128GB
Storage	2*SATA 3.0 + 2*SATA2.0
Expansion Slots	1*PCIE 16X 3.0 Slot, 1*PCIE 4X Slot
M.2	1*NVME M.2 PCIE 1*M.2 KEY A/E WIFI(Support WIFI)
Ethernet	1*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	6*USB3.0 + 4*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 2*USB2.0 4*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	242MM*200MM



X99M-G

Processor	Intel XEON E5 LGA2011-3 V3/V4 series CPU
Chipset	Intel® H81 Chipset
Memory	4*DDR4 2133/2400MHz Slots, up to 128GB
Storage	2*SATA3.0 + 2*SATA2.0
Expansion Slots	1*PCIE 16X GEN3 Slot, 1*PCIE 4X GEN3 Slots
M.2	1*NVME M.2 PCIE 1*M.2 KEY A/E WIFI(Support WIFI)
Ethernet	1*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	6*USB3.0 + 4*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 2*USB2.0 4*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN + ATX 8PIN
Size	242MM*200MM



X99-GT

Processor	Intel LGA 2011 V3/V4 series CPU
Chipset	Intel® H81 Chipset
Memory	2* DDR4 REG ECC RAM 2133/2400MHz Slots, up to 64GB
Storage	4*SATA3.0
Expansion Slots	1*PCIE 16X 3.0 Slots, 1*PCIE 1X Slots
M.2	1*NVME M.2 PCIE 1*WIFI M.2(Support WIFI+BT)
Ethernet	1*Realtek RTL8111E Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	6*USB3.0 + 6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 2*USB2.0 4*USB3.0
Power Supply	24PIN ATX + 8PIN ATX
Size	180MM*242MM



X99-D4

Processor	Intel LGA 2011-3 V3/V4 series CPU
Chipset	Intel® X99 Chipset
Memory	2* DDR4 PC/ECC 2133/2400MHz Slots, up to 64GB
Storage	4*SATA 3.0
Expansion Slots	1*PCIE 16X 3.0 Slots, 1*PCIE 4X Slots
M.2	1*NVME_M.2 PCIE 1*WIFI-M2(Support WIFI+BT)
Ethernet	1*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC882 Audio Chipset
USB	6*USB3.0 + 6*USB2.0
I/O	1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0 4*USB3.0
Power Supply	24PIN ATX + 8PIN ATX
Size	180MM*242MM



X99-D8

Processor	Intel LGA 2011 V3/V4 series CPU
Chipset	Intel® X99 Chipset
Memory	8* DDR4 PC/ECC 2133/2400MHz Slots, up to 256GB
Storage	8*SATA 3.0
Expansion Slots	2*PCIE 16X 3.0 Slots, 1*PCIE 4X Slot, 2*PCIE 1X Slots
M.2	1*NVME_M.2 PCIE 1*WIFI-M2
Ethernet	1*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC898 Audio Chipset
USB	6*USB3.0 + 6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (7.1 Sound Channel) 4*USB2.0 4*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	245MM*302MM



X99

Processor	E5-2678 V3/E5-2669 V3/E5-2649 V3/E5-2629 V3/E5-2696 V3
Chipset	Intel® X99 Chipset
Memory	8* DDR3 PC/ECC 1333/1600MHz Slots, up to 256GB
Storage	8*SATA3.0
Expansion Slots	2*PCIE 16X 3.0 Slots, 1*PCIE 4X Slot, 2*PCIE 1X Slots
M.2	1*NGFF_M.2 PCIE 1*WIFI-M2(Support WIFI+BT)
Ethernet	2*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC898 Audio Chipset
USB	6*USB3.0 + 6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45USB 1*AUDIO (7.1 Sound Channel) 2*USB2.0 4*USB3.0
Power Supply	24PIN ATX + 8PIN ATX
Size	302MM*244MM



X79M-S 2.0 Motherboard



X79M-S 2.0

Processor	Intel Xeon LGA2011 series CPU
Chipset	Intel C200 series Chipset
Memory	4*DDR3 PC/ECC 1333/1600/1866MHz Slots, up to 128GB
Storage	4*SATA2.0
Expansion Slots	1*PCIE 16X 3.0 Slot, 1*PCIE 4X Slot
M.2	1*NVME M.2 PCIE
Ethernet	1*Realtek RTL8111F Gigabit LAN
Sound card	1*Realtek ALC682 Audio Chipset
USB	10*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 6*USB2.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	190MM*220MM



X79

Processor	Intel LGA2011 series CPU
Chipset	Intel 7 series Chipset
Memory	4* DDR3 REG ECC 1066/1333/1600/1866 MHz Slots, up to 128GB
Storage	1*SATA3.0 + 3*SATA2.0
Expansion Slots	1*PCIE 16X 3.0 Slot, 1*PCIE 4X Slot, 1*PCIE 1X Slot
M.2	1*NVME M.2 PCIE
Ethernet	1*Realtek RTL8111E Gigabit LAN
Sound card	1*Realtek ALC892 Audio Chipset
USB	4*USB3.0 + 8*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (7.1 Sound Channel) 4*USB2.0 2*USB3.0
Power Supply	24PIN ATX + 8PIN ATX
Size	251MM*220MM



X79 Dual

Processor	2*Intel LGA2011 V1/V2 series CPU
Chipset	Intel C600 series Chipset
Memory	8* DDR3 PC/ECC RAM 1066/1333/1600MHz Slots, up to 256GB
Storage	2*SATA 3.0 + 4*SATA2.0
Expansion Slots	2*PCIE 16X 3.0 Slots, 2*PCIE 1X Slots
M.2	1*NGFF_M.2 PCIE
Ethernet	2*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	4*USB3.0 + 10*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 2*RJ45 1*AUDIO (5.1 Sound Channel) 6*USB2.0 2*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN + ATX 8PIN
Size	290MM*280MM



X79 Dual-S8

Processor	2*Intel Xeon LGA2011 V1/V2 series CPU
Chipset	Intel® C602 Chipsets
Memory	8*DDR3 PC/ECC RAM 1066/1333/1600/1866MHz Slots, 256GB
Storage	2*SATA3.0 + 4*SATA2.0
Expansion Slots	2*PCIE 16X 3.0 Slots, 2*PCIE 1X Slots
M.2	1*NVME M.2 PCIE
Ethernet	2*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	4*USB3.0 + 8*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 6*USB2.0 2*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN + ATX 8PIN
Size	300MM*305MM



X79M2 2.0

Processor	Intel Xeon LGA2011 series CPU
Chipset	Intel® 6 Series Chipset
Memory	2* DDR3 1066/1333/1600/1866 MHz Slots, up to 64GB
Storage	4*SATA2.0
Expansion Slots	1*PCIE 16X 3.0 Slot, 1*PCIE 4X Slot
M.2	1*NVME M.2 PCIE
Ethernet	1*Realtek RTL8111E Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	8*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 6*USB2.0
Power Supply	24PIN ATX + 8PIN ATX
Size	242MM*179MM



X79M2 3.0

Processor	Intel Xeon LGA2011 series CPU
Chipset	Intel® 6 Series Chipset
Memory	2* DDR3 1066/1333/1600/1866 MHz Slots, up to 64GB
Storage	1*SATA3.0 + 3*SATA2.0
Expansion Slots	1*PCIE 16X 3.0 Slot, 1*PCIE 4X Slot
M.2	1*NVME M.2 PCIE
Ethernet	1*Realtek RTL8111E Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	4*USB3.0 + 6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0 2*USB3.0
Power Supply	24PIN ATX + 8PIN ATX
Size	242MM*179MM



X79M-S 3.0

Processor	Intel Xeon LGA2011 V1/V2 series CPU
Chipset	Intel® 6 Series Chipset
Memory	4* DDR3 PC/ECC 1066/1333/1600/1866MHz Slots, up to 128GB
Storage	2*SATA 3.0 + 2*SATA2.0
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 4X Slot
M.2	1*NVME M.2 PCIE 1*M.2 KEY A/E WIFI(Support WIFI)
Ethernet	1*Realtek RTL8111F Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	4*USB3.0 + 6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0 2*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	190MM*220MM



X79P

Processor	Intel Xeon LGA2011 V1/V2 series CPU
Chipset	Intel® 6/7 Series Chipset
Memory	4* DDR3 PC/ECC 1066/1333/1600/1866MHz Slots, up to 128GB
Storage	1*SATA3.0 + 3*SATA2.0
Expansion Slots	2*PCIE 16X Slots, 1*PCIE 4X Slot, 1*PCIE 1X Slot
M.2	1*NVME M.2 PCIE
Ethernet	1*Realtek RTL8111E Gigabit LAN
Sound card	1*Realtek ALC892 Audio Chipset
USB	4*USB3.0 + 10*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 2*RJ45 1*AUDIO (7.1 Sound Channel) 6*USB2.0 2*USB3.0
Power Supply Size	ATX 24PIN + ATX 8PIN 280MM*220MM



X58M 3.0

Processor	Intel Xeon & Core i7 in LGA 1366 series CPU
Chipset	Intel X58 Chipset
Memory	2* DDR3 800/1066MHz Slots, up to 32GB
Storage	4*SATA 2.0
Expansion Slots	1* PCI-E 16X Slot, 1*PCIE 1X Slot, 1*PCI Slot
Ethernet	1*Realtek RTL8105E, Fast Ethernet LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	8*USB2.0 + 4*USB3.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 6*USB2.0 2*USB3.0
Power Supply Size	ATX 24PIN + ATX 8PIN 195MM*240MM



X79-P3

Processor	Intel Xeon LGA2011 V1/V2 series CPU
Chipset	Intel® 6/7 Series Chipset
Memory	4* DDR3 PC/ECC 1066/1333/1600/1866MHz Slots, up to 128GB
Storage	2*SATA3.0 + 4*SATA2.0
Expansion Slots	2*PCIE 16X Slots, 1*PCIE 4X Slot, 1*PCIE 1X Slot
M.2	1*NVME M.2 PCIE 1*Realtek RTL8111E Gigabit LAN
Ethernet	1*Realtek ALC892 Audio Chipset
Sound card	6*USB3.0 + 10*USB2.0
USB	1*PS/2(PS/2 for mouse , PS/2 for keyboard)
I/O	2*RJ45 1*AUDIO (7.1 Sound Channel) 1* LAN_USB 2*USB2.0 4*USB3.0
Power Supply Size	ATX 24PIN + ATX 8PIN 220MM*305MM



X58M 2.0

Processor	Intel Xeon LGA 1366 series CPU
Chipset	Intel X58 Chipset
Memory	2* DDR3 1066/1333/1600/1866 MHz Slots, up to 32GB
Storage	4*SATA 2.0
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 1X Slot
Ethernet	1*Realtek RTL8105E Chipset, Fast Ethernet
Sound card	1*Realtek Audio Codec ALC662
USB	8*USB2.0
I/O	1*RJ45 1*AUDIO (5.1 Sound Channel) 8*USB2.0
Power Supply Size	ATX 24PIN + ATX 8PIN 195MM*240MM



X79D 2.0

Processor	Intel Xeon E5 LGA2011 V1/V2 series CPU
Chipset	Intel® X79 Chipset
Memory	2*DDR3 ECC 1066/1333/1600/1866MHz Slots, up to 64GB
Storage	2*SATA3.0 + 2*SATA2.0
Expansion Slots	1*PCIE 16X GEN3 Slot, 1*PCIE 4X GEN3 Slot
M.2	1*NVME M.2 PCIE
Ethernet	1*Realtek RTL8111H Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	12*USB2.0
I/O	1*RJ45 1*AUDIO (5.1 Sound Channel) 8*USB2.0
Power Supply Size	ATX 24PIN + ATX 8PIN 220MM*180MM



X58DUAL V1.0

Processor	Intel Xeon L5520 series CPU
Chipset	Intel X58 Chipset
Memory	4* DDR3 800/1066 MHz Slots, up to 128GB
Storage	4*SATA 2.0
Expansion Slots	1*PCIE 1X Slot, 1*PCIE 4X Slot
Ethernet	1*Realtek RTL8111G Chipset, Fast Ethernet
Sound card	1*Realtek Audio Codec ALC662
USB	4*USB3.0+8*USB2.0
I/O	3* USB2.0 Port 2* USB3.0 Port 1* RJ45 Port 1* Audio Cluster
Power Supply Size	ATX 24PIN+ATX 8PIN 292.8MM*247MM



X79A 2.0

Processor	Intel Xeon LGA1356 series CPU
Chipset	Intel® 6/7Series Chipset
Memory	2* DDR3 PC/ECC 1066/1333/1600MHz Slots, up to 64GB
Storage	4*SATA-HDD
Expansion Slots	1*PCIE 16X Slots, 1*PCIE 1X Slots
M.2	1*NVME M.2 PCIE
Ethernet	1*Realtek RTL8111E Gigabit LAN
Sound card	1*Realtek ALC892 Audio Chipset
USB	8*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (7.1 Sound Channel) 6*USB2.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	185*232MM



P55

Processor	Intel® Core™ i7 / i5 / i3 / Celeron in LGA1156 Series CPU
Chipset	Intel H55 Express chipset
Memory	2*DDR3 800/1066/1333/1600MHz Slots, up to 8GB
Storage	4*SATA2.0
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 1X Slot
Ethernet	1*Realtek Fast Ethernet
Sound card	1*Realtek ALC662 Audio Chipset
USB	8*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0
Power Supply	24PIN ATX + 4PIN ATX
Size	210MM*170MM



X79A 3.0

Processor	Intel Xeon LGA1356 series CPU
Chipset	Intel® 6/7Series Chipset
Memory	2* DDR3 PC/ECC 1066/1333/1600MHz Slots, up to 64GB
Storage	4*SATA2.0
Expansion Slots	1*PCIE 16X Slots, 1*PCIE 1X Slots
M.2	1*NVME M.2 PCIE
Ethernet	1*Realtek RTL8111E Gigabit LAN
Sound card	1*Realtek ALC892 Audio Chipset
USB	2*USB3.0 + 6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (7.1 Sound Channel) 4*USB2.0 2*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	185*232MM



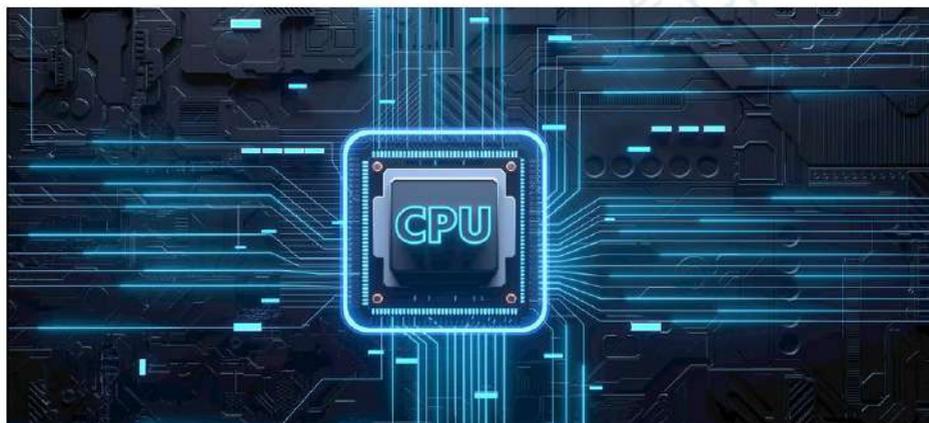
H55M

Processor	Intel Pentium/Core™ LGA1156 series CPU
Chipset	Intel® H55 Chipset
Memory	2*DDR3 PC RAM 800/1066/1333MHz Slots, up to 8GB
Storage	4*SATA2.0
Expansion Slots	1*PCIE 8X Slot, 1*PCIE 1X Slot
Ethernet	1*Realtek RTL8106E, Fast Ethernet LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	10*USB2.0
I/O	1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 6*USB2.0
Power Supply	24PIN ATX + 4PIN ATX
Size	188MM*168.5MM



H55

Processor	Intel LGA 1156 Core i7, i5-650,750,760, i3 series CPU
Chipset	Intel H55 Chipset
Memory	2* DDR3 800/1066/1333/1600MHz Slots, up to 8GB
Storage	4* SATA2.0
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 1X Slot
Ethernet	1*Realtek RTL8105E Chipset, Fast Ethernet
Sound card	1*Realtek ALC662 Audio Chipset
USB	8* USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0
Power Supply	ATX 24PIN + ATX 4PIN
Size	233.5MM*175MM



B75

Processor	Intel® LGA 1155 Core i7, i5, i3 series 2nd and 3rd generation CPU
Chipset	Intel B75/Q75/Z77 or other 7 Series
Memory	2* DDR3 1066/1333/1600MHz Slots, up to 16GB
Storage	1*SATA3.0 + 3*SATA2.0
Expansion Slots	1*PCIE 16X 3.0 Slot, 1*PCIE 1X Slot
Ethernet	1*Realtek 8105E/8111E Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	4*USB2.0 + 4*USB3.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 2*USB2.0, 2*USB3.0
Power Supply	24PIN ATX + 4PIN ATX
Size	220MM*170MM



H61

Processor	Intel® Core™ i7 / i5 / i3 / Pentium / Celeron LGA1155 series CPU
Chipset	Intel H61 Express chipset
Memory	2* DDR3 800/1066/1333/1600 MHz Slots, up to 16GB
Storage	4*SATA2.0
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 1X Slot
Ethernet	1*Realtek 100M LAN Controller
Sound card	1*Realtek ALC662 Audio Chipset
USB	6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0
Power Supply	24PIN ATX + 4PIN ATX
Size	220MM*170MM



B75M

Processor	Intel LGA 1155 Core i7, i5, i3 series CPU
Chipset	Intel B75/Q75/Z77 or other 7 Series
Memory	2* DDR3 1066/1333/1600MHz Slots, up to 16GB
Storage	1*SATA3.0 + 3*SATA2.0
Expansion Slots	1* PCI-E 8X Slot, 1*PCIE 1X Slot
Ethernet	1*Fast Ethernet LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	4*USB3.0 + 4*USB2.0
I/O	1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0, 2*USB3.0
Power Supply	ATX 24PIN + ATX 4PIN
Size	190MM*170MM



H61M

Processor	Intel Core/Celeron/Pentium LGA 1155 series CPU
Chipset	Intel® H61 Chipset
Memory	2* DDR3 1066/1333/1600MHz Slots, up to 16GB
Storage	4*SATA 2.0
Expansion Slots	1* PCI-E 8X Slot, 1*PCIE 1X Slot
Ethernet	1*Realtek RTL8105E, Fast Ethernet LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	10*USB2.0
I/O	1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 6*USB2.0
Power Supply	ATX 24PIN + ATX 4PIN
Size	190MM*170MM



B75-S

Processor	Intel Core™ /Pentium® /Celeron® /Xeon E3 V1/V2 LGA1155 series CPU
Chipset	Intel® B75 Chipset
Memory	2*DDR3 PC 1066/1333/1600MHz Slots, up to 16GB
Storage	1*SATA 3.0 + 3*SATA2.0
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 1X Slot
M.2	1*NVME M.2 PCIE
Ethernet	1*Realtek RTL8111F Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	4*USB3.0 + 6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*HDMI 1*VGA, 1*DVI 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0, 2*USB3.0
Power Supply	ATX 24PIN + ATX 4PIN
Size	223.5MM*170MM

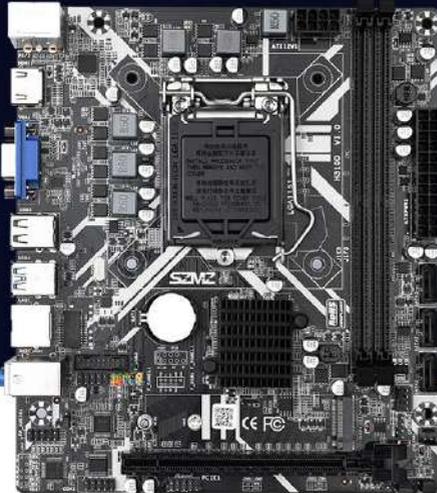


B75-S

Processor	Intel Core™ /Pentium® /Celeron® /Xeon E3 V1/V2 LGA1155 series CPU
Chipset	Intel® B75 Chipset
Memory	4*PC DDR3 1066/1333/1600MHz, up to 32GB
Storage	1*SATA3.0+3*SATA2.0
Expansion Slots	1* PCI-E 8X Slot, 1*PCIE 1X Slot
M.2	1*NVME M.2 PCIE
Ethernet	1*Realtek RTL8111F Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	4*USB3.0 + 6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*HDMI 1*VGA, 1*DVI 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0, 2*USB3.0
Power Supply	ATX 24PIN + ATX 4PIN
Size	223.5MM*195MM



H310D Motherboard



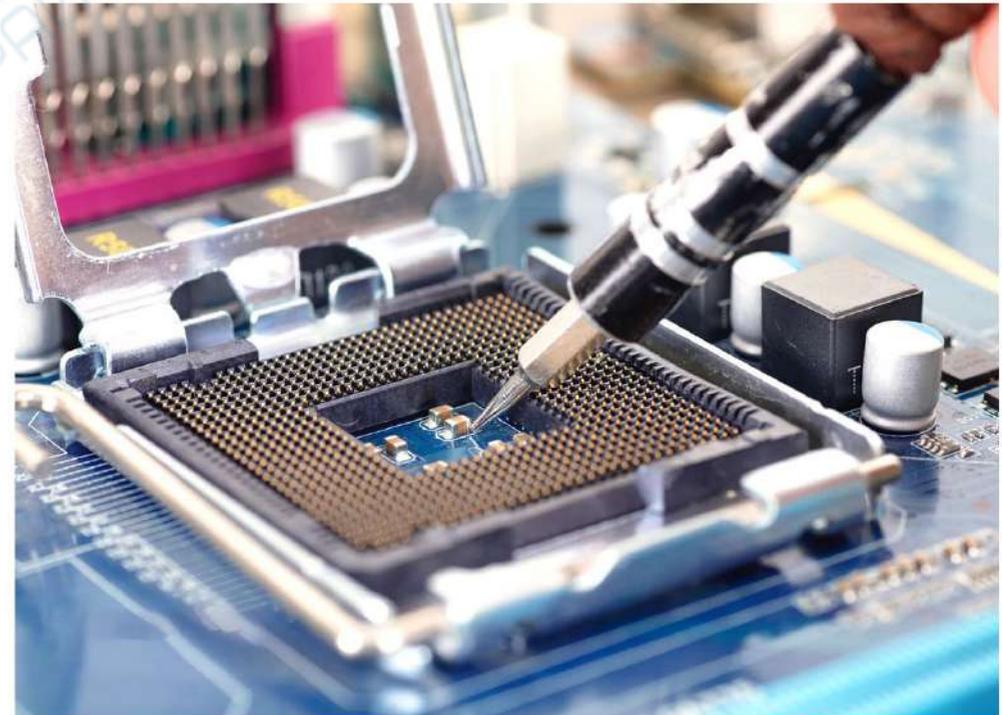
H310D

Processor	Intel LGA 1151 Support 6/7/8/9 generations CPU
Chipset	Intel® H310 Chipset
Memory	2* DDR4 1866/2133/2400MHz Slots, up to 16GB
Storage	3* SATA3.0
Expansion Slots	1*PCIe 16X Slot, 1*PCIe 1X Slot
Ethernet	1*Realtek RTL8111H Chipset, Gigabit Ethernet
Sound card	1*Realtek Audio Codec ALC662
M.2	1*NVME M.2 PCIe
USB	4* USB3.0 + 4* USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 2*USB2.0, 2*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	196MM*170MM



H310C

Processor	Intel LGA 1151 Core i3, i5, i7 Series 6, 7, 8, 9 Generation CPU
Chipset	Intel® H310C Chipset
Memory	2* DDR3 1066/1333/1600MHz Slots, up to 16GB
Storage	3* SATA3.0
Expansion Slots	1*PCIe 16X Slot
Ethernet	1*Realtek RTL8111E Chipset, Gigabit Ethernet
Sound card	1*Realtek ALC662 Audio Chipset
M.2	1*NVME M.2 PCIe
USB	4* USB2.0 + 4* USB3.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 2*USB2.0, 2*USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	196MM*170MM



H81M Motherboard



H81M

Processor	Intel Core/Celeron/Pentium/Xeon E3-V3 LGA 1150 series CPU
Chipset	Intel B85 Chipset
Memory	2* DDR3 1066/1333/1600MHz Slots, up to 16GB
Storage	2* SATA2.0 + 2* SATA3.0
Expansion Slots	1*PCIE 8X Slot, 1*PCIE 1X Slot
Ethernet	1*Gigabit Ethernet
Sound card	1*Realtek ALC662 Audio Chipset
USB	6* USB2.0 + 4* USB3.0
I/O	1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0
Power Supply	2. USB3.0
Size	ATX 24PIN + ATX 4PIN 188MM*168.5MM



H81

Processor	Intel Core™ i7 / i5 / i3 LGA 1150 series CPU
Chipset	Intel H81 Chipset
Memory	2* DDR3 1066/1333/1600MHz Slots, up to 16GB
Storage	2* SATA2.0 + 2* SATA3.0
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 1X Slot
Ethernet	1*Realtek RTL8105E Chipset, Fast Ethernet
Sound card	1*Realtek Audio Codec ALC662
USB	2*USB3.0 + 8*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0 2*USB3.0
Power Supply	ATX 24PIN + ATX 4PIN
Size	215MM*170MM



H81G

Processor	Intel Core/Celeron/Pentium/Xeon E3-V3 LGA 1150 series CPU
Chipset	Intel B85 Chipset
Memory	2* DDR3 1066/1333/1600MHz Slots, up to 16GB
Storage	2* SATA2.0 + 2* SATA3.0
Expansion Slots	1*PCIE 8X Slot, 1*PCIE 1X Slot
Ethernet	1*Realtek RTL8106E Chipset, Fast Ethernet
Sound card	1*Realtek ALC662 Audio Chipset
USB	8* USB2.0 + 2* USB3.0
I/O	1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0 2. USB3.0
Power Supply	ATX 24PIN + ATX 4PIN
Size	188MM*168.5MM



G31

Processor	Intel LGA 775 Core 2 Duo/Core Duo/Pentium 4/Pentium D/ Celeron D CPU
Chipset	Intel G31 Express Chipset + ICH7
Memory	2" DDR2 1066/1333MHz Slots, up to 4GB
Storage	4*SATA 2.0
Expansion Slots	1* PCI-E 16X Slot, 1*PCI Slot
Ethernet	1*Realtek RTL8105E, Fast Ethernet LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	8*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*COM 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0
Power Supply	ATX 24PIN + ATX 4PIN
Size	220MM*170MM



P45

Processor	Intel LGA 775 & LGA 771 Series CPU
Chipset	Intel P45 + ICH7 Chipset
Memory	4*DDR2 533/667/800MHz Slots, up to 8GB
Storage	4*SATA2.0
Expansion Slots	1*PCI-E 16X Slot, 1*PCI Slot
Ethernet	1*Realtek Fast Ethernet
Sound card	1*Realtek ALC662 Audio Chipset
USB	6*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*COM 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0
Power Supply	24PIN ATX + 4PIN ATX
Size	205MM*210MM



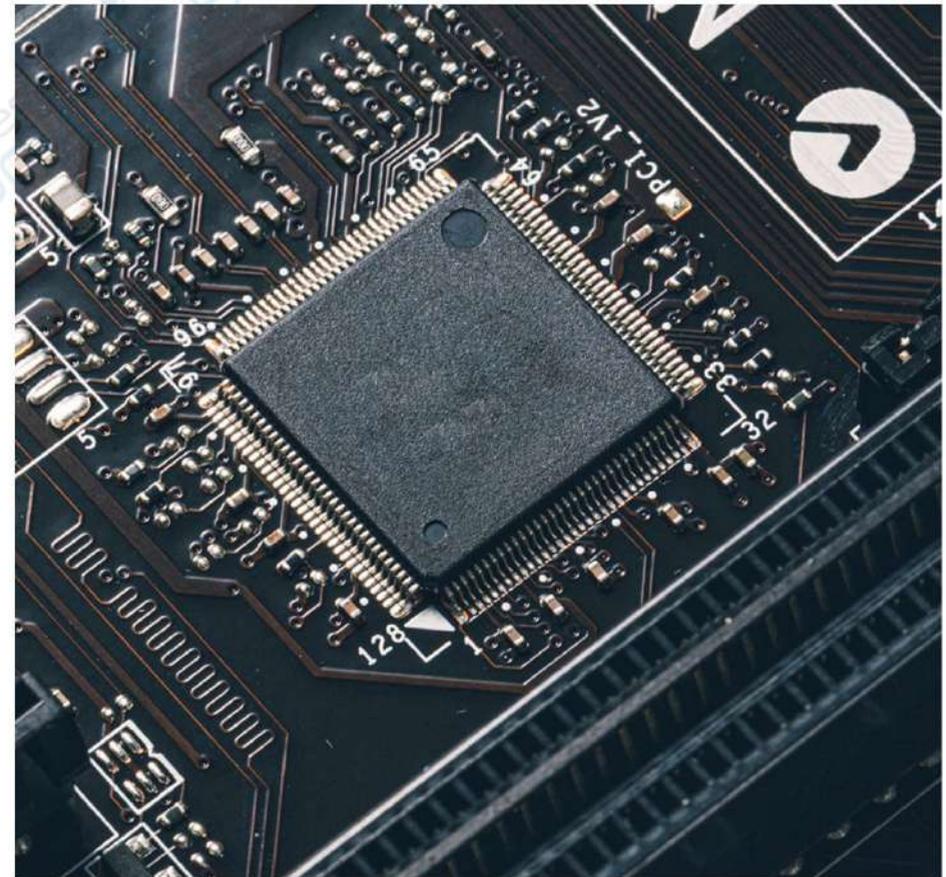
G41

Processor	Intel LGA 771/775 series CPU
Chipset	Intel G41 Express Chipset + ICH7
Memory	2" DDR3 1066/1333MHz Slots, up to 8GB
Storage	4*SATA 2.0
Expansion Slots	1*PCI-E 16X Slot
Ethernet	1*Realtek 8105E, Fast Ethernet
Sound card	1*Realtek Audio Codec ALC662
USB	8* USB2.0
I/O	1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 6*USB2.0
Power Supply	ATX 24PIN + ATX 4PIN
Size	210MM*167MM



945

Processor	Intel LGA 771/775 CPU
Chipset	Intel 945G / 945PL / 945GC Express Chipset + ICH7
Memory	2" DDR2 533/667/800/1066 MHz Slots, up to 4GB
Storage	4* SATA2.0
Expansion Slots	1*PCI-E 16X Slot, 1*PCI-E 1X Slot
Ethernet	1*Realtek 8105E 10/100 LAN
Sound card	1*Realtek Audio Codec ALC662
USB	8* USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1* LPT 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0
Power Supply	ATX 24PIN + ATX 4PIN
Size	220MM*170MM



X89L

Processor	16 Core Operton AMD Opteron 6386 SE 6176 6128 6230 CPU
Chipset	AMD 970 /AMD 890FX or other
Memory	2*DDR3 ECC/REG server RAM Slots, up to 32GB
Storage	2*SATA2.0
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 1X Slot
Ethernet	1*Gigabyte LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	14*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*RJ45 1*AUDIO (5.1 Sound Channel) 8*USB2.0
Power Supply	24PIN ATX + 8PIN ATX
Size	255MM*195MM



HM55A

Processor	Intel® Core™ Mobile i7 series / Intel® Core™ Mobile i5 series / Intel® Core™ Mobile i3 series 1 Generation PGA989 processor
Chipset	Intel HM55 Express chipset
Memory	2* DDR3 SD RAM DIMMs 1333/1600MHz Slots, up to 8GB
Storage	2*SATA 2.0
Expansion Slots	1*Mini PCIE Slot
Ethernet	1*Realtek 8111F, Fast Ethernet LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	8*USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0
Power Supply	ATX 24PIN + ATX 4PIN
Size	190MM*170MM



A88

Processor	FM2/FM2+ AMD A10/A8/A6/A4
Chipset	AMD A77/A78/A88X
Memory	2* DDR3 800/1066/1333/1600MHz Slots, up to 16GB
Storage	4* SATA3.0
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 1X Slot, 1*PCI Slot
Ethernet	1*Realtek 8105E 10/100 LAN
Sound card	1*Realtek Audio Codec ALC662
USB	6* USB2.0 + 6* USB3.0
I/O	1*PS(Keyboard/Mouse) 1* HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0, 2* USB3.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	240MM*170MM



HM55B

Processor	Intel® Core™ Mobile i3-330/340/350/380/390M; i5-520/560/580M; i7-620/640M(optional); i7-720/740/820/840/920M(optional)
Chipset	Intel HM55 Chipset
Memory	1*DDR3 1066/1333MHz SO-DIMM Slots, up to 4GB
Storage	2*SATA 2.0
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 4X Slot, 1*PCI Slot
Ethernet	1*Realtek 8111F, Fast Ethernet
Sound card	1*Realtek Audio Codec ALC662
USB	8* USB2.0
I/O	1*DC 12V 1*HDMI 1*VGA 1*RJ45 2*AUDIO Output and Input 4*USB2.0
Power Supply	ATX 4PIN
Size	170MM*170MM



A55

Processor	FM1 AMD A8/A6/A4 CPU
Chipset	AMD A55
Memory	2* DDR3 800/1066/1333/1600MHz Slots, up to 16GB
Storage	4* SATA2.0
Expansion Slots	1*PCIE 16X Slot, 1*PCIE 1X Slot
Ethernet	1*Realtek 8105E, Fast Ethernet
Sound card	1*Realtek ALC662 Audio Chipset
USB	6* USB2.0
I/O	1*PS/2(PS/2 for mouse , PS/2 for keyboard) 1*HDMI 1*VGA 1*RJ45 1*AUDIO (5.1 Sound Channel) 4*USB2.0
Power Supply	ATX 24PIN + ATX 8PIN
Size	218MM*170MM



HM65(Industrial)

Processor	Intel® Core™ Mobile i7 series / Intel® Core™ Mobile i5 series / Intel® Core™ Mobile i3 series 2/3 Generation PGA988 processor
Chipset	Intel HM65 Express Chipset
Memory	1*DDR3 SDRAM SO-DIMMs 1333/1600MHz Slots, up to 8GB
Storage	1*SATA3.0, 1*SATA2.0, 1*Mini SATA3.0 Slot
Expansion Slots	1*Mini PCIE Slot
Ethernet	1*Realtek 8111F, Gigabit Ethernet
Sound card	1*Realtek ALC662 Audio Chipset
USB	6*USB2.0 + 2*USB3.0
I/O	1*12V Power supply port 1*HDMI 1*VGA 1*RJ45 2*AUDIO Output and Input 2*USB2.0, 2*USB3.0
Power Supply	4PIN ATX
Size	170MM*170MM



HM65(Full function)

Processor	Intel® Core™ Mobile i7 series / Intel® Core™ Mobile i5 series / Intel® Core™ Mobile i3 series 2/3 Generation PGA988 processor
Chipset	Intel HM65 Express Chipset
Memory	1*DDR3 SDRAM SO-DIMMs 1333/1600MHz Slots, up to 8GB
Storage	1*SATA3.0, 1*SATA2.0, 1*Mini SATA3.0 Slot
Expansion Slots	1*Mini PCIE Slot
Ethernet	1*Realtek 8111F, Gigabit Ethernet
Sound card	1*Realtek ALC662 Audio Chipset
USB	6*USB2.0 + 2*USB3.0
I/O	1*12V Power supply port 1*HDMI 1*VGA 1*RJ45 2*AUDIO Output and Input 2*USB2.0, 2*USB3.0
Power Supply	4PIN ATX
Size	170MM*170MM



HM65 OPS(AIO)

Processor	Intel® Core™ Mobile i7 series / Intel® Core™ Mobile i5 series / Intel® Core™ Mobile i3 series 2/3 Generation PGA 988 processor
Chipset	Intel HM65 Express Chipset
Memory	1*DDR3 SDRAM SO-DIMMs 1333/1600MHz Slots, up to 8GB
Storage	2*SATA2.0, 1*Mini SATA 3.0 Slot
Expansion Slots	1*Mini PCIE Slot
Ethernet	1*Realtek 8111F, Gigabit Ethernet
Sound card	1*Realtek ALC662 Audio Chipset
USB	8*USB2.0
I/O	1*12V Power supply port 1*HDMI 1*VGA 1*RJ45 2*AUDIO Output and Input 4*USB2.0
Power Supply	4PIN ATX
Size	170MM*170MM



HM77 OPS

Processor	2/3 Gen Intel Core™/Pentium®/Celeron® Mobile FCPGA988 CPU
Chipset	Intel® HM77 Chipset
Memory	1*SODIMM DDR3 1066/1333/1600MHz Slots, up to 8GB
Storage	1*SATA2.0, 1*MSATA
Expansion Slots	1*MiniPCIE(Support Wifi & BT)
Ethernet	1*Realtek RTL8111F, Fast Ethernet
Sound card	1*Realtek ALC662 Audio Chipset
USB	3*USB3.0 + 3*USB2.0
I/O	1*Reset Button 1*Power On Button 1*HDMI 1*RJ45 2*AUDIO Output and Input 3*USB2.0, 3*USB3.0
Power Supply	ATX 4PIN 12V
Size	172MM*190MM

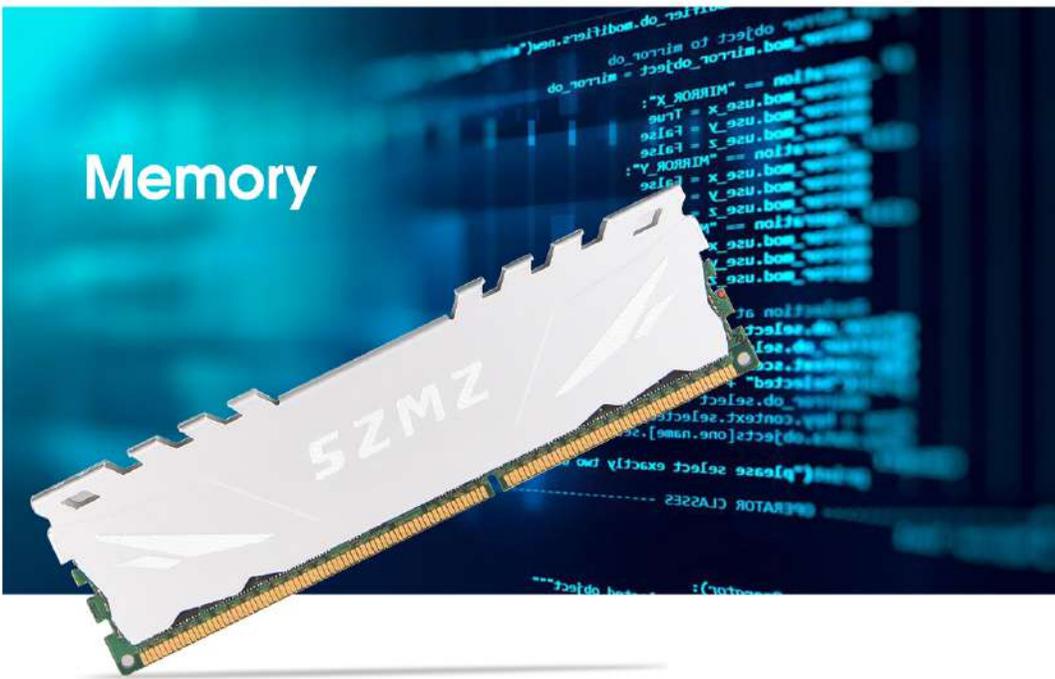


HM65(Dual Memory)

Processor	Intel® Core™ Mobile i7 series / Intel® Core™ Mobile i5 series / Intel® Core™ Mobile i3 series 2/3 Generation PGA 988 processor
Chipset	Intel HM65 Express Chipset
Memory	2*DDR3 SDRAM SO-DIMMs 1333/1600MHz Slots, up to 16GB
Storage	2*SATA2.0, 1*Mini SATA 3.0 Slot
Expansion Slots	1*Mini PCIE Slot
Ethernet	1*Realtek 8111F, Gigabit Ethernet
Sound card	1*Realtek ALC662 Audio Chipset
USB	8*USB2.0
I/O	1*12V Power supply port 1*HDMI 1*VGA 1*RJ45 2*AUDIO Output and Input 4*USB2.0
Power Supply	4PIN ATX
Size	170MM*170MM



Memory



DDR3 | 2/4/8GB PC
(With Radiator) | (1333MHz, 1600MHz, 1866MHz)



DDR3 | 2/4/8GB PC
(1333MHz, 1600MHz, 1866MHz)



DDR2 | AMD 2/4GB PC
(800MHz, 1066MHz, 1333MHz)



DDR3 | 4/8/16/32GB ECC REG
(1333MHz, 1600MHz, 1866MHz)



DDR3 | 2/4/8GB PC
(1333MHz, 1600MHz, 1866MHz)



DDR3 | 2/4/8GB Laptop
(1333MHz, 1600MHz, 1866MHz)



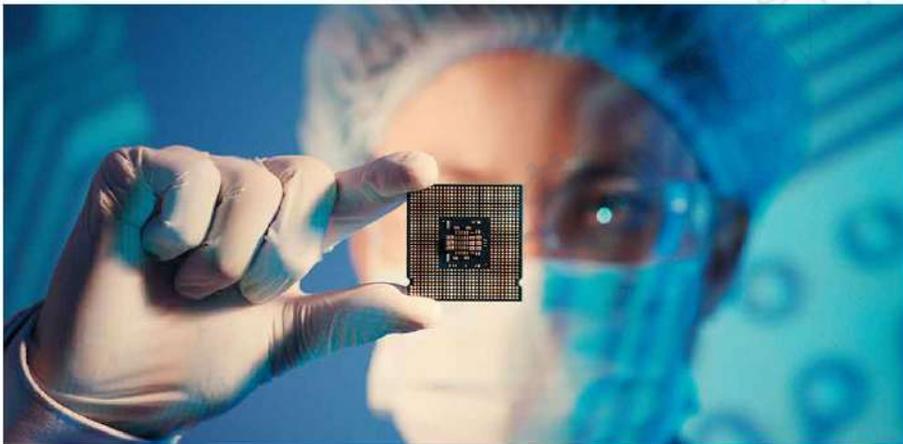
DDR4 | 4/8/16/32GB PC
(With Radiator) (2133MHz, 2400MHz, 2666MHz)



DDR4 | 4/8/16/32GB PC
(2133MHz, 2400MHz, 2666MHz)

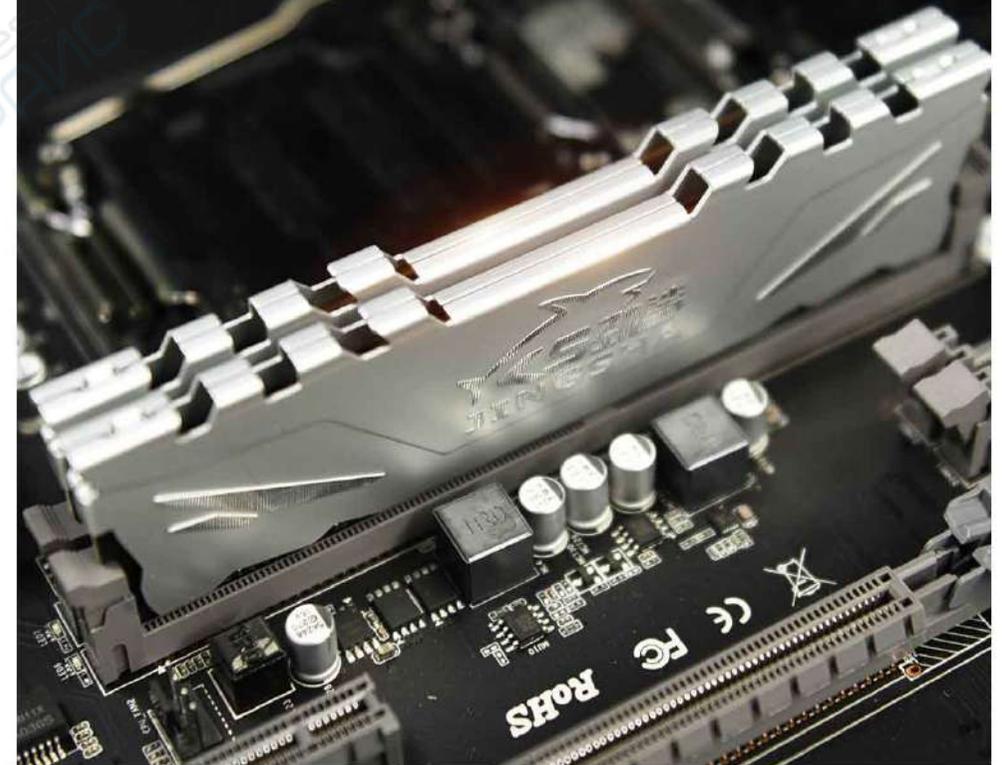


DDR4 | 4/8/16/32GB ECC REG
(2133MHz, 2400MHz, 2666MHz)



DDR4 With Radiator

DDR4 RAM installation diagram, stable and efficient



NVMe M.2 SSD



NVMe M.2 SSD | Capacity:
128GB/256GB/512GB/1TB



X600 SSD | 120GB/240GB/360GB/1TB
SATA3.0, 6Gb/s Rated: 5V/1A



Graphics card



GTX960(2/4GB)

Chipset	Geforce GTX 960 chipset
Core frequency	1127MHz
Memory frequency	7010MHz
Interface Typ	PCI Express 3.0 16X
I/O interface	1*HDMI, 1*DVI, 1*Display Port
Power connector	6PIN
Memory Capacity	2GB/4GB GDDR5 128 Bit
Size	205*126*38MM



GTX750Ti

Chipset	NVIDIA GeForce GTX750Ti
Core frequency	1020MHz
Memory frequency	1350MHz
Interface Type	PCI Express 3.0 16X
I/O interface	1*HDMI, 1*DVI, 1*VGA
Power connector	6PIN
Memory Capacity	2GB GDDR5
Bus Width	128bit
Technology	28nm
Size	192*120*36MM



GTX1060

Chipset	NVIDIA GeForce GTX1060
Core frequency	1506MHz
Memory frequency	2002MHz
Interface Type	PCI Express x16 3.0
I/O interface	3*DP, 1*HDMI
Power connector	6PIN
Memory Capacity	6GB GDDR5
Bus Width	192bit
Technology	16nm
Size	230*130*43MM



GT1030

Chipset	NVIDIA GeForce GT 1030
Core frequency	1228MHz
Memory frequency	1502MHz
Interface Type	PCI Express x4 3.0
I/O interface	1*HDMI, 1*VGA
Power connector	6PIN
Memory Capacity	2GB GDDR5
Bus Width	64bit
Technology	16nm
Size	180*125*20MM



GTX1660S

Chipset	NVIDIA GeForce GTX1660 SUPER
Core frequency	1530MHz
Memory frequency	14000MHz
Interface Type	PCI Express x16 3.0
I/O interface	1*DP, 1*HDMI, 1*DVI
Power connector	8PIN
Memory Capacity	6GB GDDR6
Bus Width	192bit
Technology	12nm
Size	235*130*40MM



GTX1050Ti

Chipset	NVIDIA GeForce GTX1050Ti
Core frequency	1290/1392MHz
Memory frequency	7008MHz
Interface Type	PCI Express 16X 3.0
I/O interface	1*DP, 1*HDMI, 1*DVI
Power connector	6PIN
Memory Capacity	4GB GDDR5
Bus Width	128bit
Technology	14nm
Size	220*125*38MM



RX580

Chipset	AMD Radeon RX580
Core frequency	1257/1340MHz
Memory frequency	2000MHz
Interface Type	PCI Express x16 3.0
I/O interface	3*DP, 1*HDMI, 1*DVI
Power connector	8PIN
Memory Capacity	8GB GDDR5
Bus Width	256bit
Technology	14nm
Size	233*130*38MM / 250*138*38MM



AMD HD6770

Chipset	AMD Radeon HD 6700 Series
Core frequency	700MHz
Memory frequency	1000MHz
Interface Type	PCI Express 2.0 16X
I/O interface	1*HDMI, 1*DVI, 1*VGA
Power connector	64GB/s
Memory Capacity	1GB GDDR5
Bus Width	128bit
Technology	40nm
Size	175*127*40MM



R7 240

Chipset	AMD Radeon R7 240
Core frequency	780MHz
Memory frequency	1000MHz
Interface Type	PCI Express x8 3.0
I/O interface	1*HDMI, 1*DVI, 1*VGA
Memory Bandwidth	64GB/s
Memory Capacity	4GB GDDR5
Bus Width	128bit
Technology	28nm
Size	175*127*40MM



R5 230

Chipset	AMD Radeon R5 230
Core frequency	625MHz
Memory frequency	600MHz
Interface Type	PCI Express 16X 2.0
I/O interface	1*VGA, 1*HDMI, 1*DVI-D
Memory Bandwidth	8.5GB/s
Memory Capacity	2GB GDDR3
Bus Width	64bit
Technology	40nm
Size	160*120*20MM



GT210

Chipset	NVIDIA GeForce G210
Core frequency	599MHz
Memory frequency	500MHz
Interface Type	PCI Express x16 2.0
I/O interface	1*VGA, 1*HDMI, 1*DVI-D
Memory Bandwidth	8GB/s
Memory Capacity	1GB GDDR3
Bus Width	64bit
Technology	40nm
Size	160*120*20MM



GT610



Chipset	NVIDIA GeForce GT610
Core frequency	810MHz
Memory frequency	1800MHz
Interface Type	PCI Express x16 2.0
I/O interface	1*VGA, 1*HDMI, 1*DVI
Memory Bandwidth	14.4GB/s
Memory Capacity	1024MB GDDR3
Bus Width	64bit
Technology	40nm
Size	165*130*40MM



All-in-one Machine



OPS PC

Processor	1/2/3 Intel Core™/Pentium®/Celeron® Mobile FCPGA988 series CPU
Chipset	Intel® HM77 Chipset
Memory	1*SODIMM DDR3 1066/1333/1600MHz Slot, up to 8GB
Storage	1*SATA 2.0(7+15)+1*mSATA3.0
M.2	1*Mini PCIe(Support Wifi+BT)
Ethernet	1*Realtek RTL8111F Gigabit LAN
Sound card	1*Realtek ALC662 Audio Chipset
USB	3*USB3.0 + 3*USB2.0
I/O	1*Reset Button 1*Power On Button 1*Mic_in, 1*Line_out 1*HDMI, 1*VGA 1*RJ45 1*GPIO Button 3*USB3.0 + 3*USB2.0
Power Supply	ATX 4PIN 12V or 12V-19V DCIN
Size	171.9MM*190MM



DD3L Mini PC

Processor	Intel ATOM X5-Z8350 CPU
Operate System	Windows 10/8
Memory	BGA RAM, up to 4GB
Hard disk	EMMC SSD 32/64GB
Ethernet	1*Gigabit Ethernet
USB	1*USB3.0 + 5*USB2.0
I/O	1*HDMI 1*VGA 1*RJ45 1*DC input 2*USB2.0
Size	125MM*108MM*35MM



Mini PC

Processor	Intel Core i3 2310M (2 core ,2.10GHz, TPD:35W) Intel Core i7 2630QM (4 core ,2.0GHz, TPD:45W) Intel Core i5 3320M (2 core ,2.60GHz, TPD:35W)
Operate System	Windows 10
Memory	4GB / 8GB DDR3L SO-DIMM
Hard disk	120GB / 240GB / 480GB SATA SSD
Ethernet	1*Gigabit Ethernet
USB	2*USB 3.0 + 2*USB 2.0
I/O	1*HDMI 1*VGA 1*COM 1*RJ45 1*Mic_in, 1*Line_out 1*DC 12V
Wireless wifi	802.11 b/g/n
Size	195MM*211MM*50MM



Fanless Mini PC

Processor	Intel Core i3 2310M (2 core ,2.10GHz, TPD:35W) Intel Core i5 3320M (2 core ,2.60GHz, TPD:35W) Intel Core i7 2630QM (4 core ,2.0GHz, TPD:45W)
Operate System	Windows 10/8
Memory	4GB / 8GB DDR3L SO-DIMM
Hard disk	120GB / 240GB / 480GB MSATA SSD
Ethernet	1*Gigabit Ethernet
USB	2*USB 3.0 + 4*USB 2.0
I/O	1*HDMI 1*VGA 1*COM 1*RJ45 1*Mic_in, 1*Line_out 1*DC 12V
Wireless wifi	802.11 b/g/n
Size	174MM*127MM*37MM





OUR CERTIFICATE



Exhibition



Activity

