

嵌入式单板电脑, ESBC系列

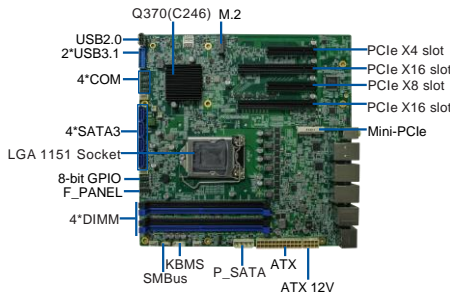
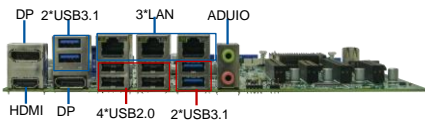
# MATX-I961

Intel® Coffee Lake-R LGA1151 CPU, MicroATX, HDMI, 2\*DP, 3\*LAN, 4\*COM 6\*USB3.1, 7\*USB2.0, 4\*SATA3.0, ATX Power, Workstation grade performance.



## Key Features

- Intel® Xeon® E or 9th/8th Gen Core™ i9/i7/i5/i3 processor
- Intel® Q370/C246 Chipset
- 4\*DDR4 2666/2400MHz DIMM, 最大128GB
- 2\*DP, 1\*HDMI, 支持3独立显示
- 3\*LAN, 6\*USB3.1 Gen2, 7\*USB2.0, 4\*COM
- 1\*PCIeX16 or 2\*PCIeX8+2\*PCIeX4 扩展
- 1\*Mini PCIe, 带SIM卡槽, 支持4G/WIFI/GPS/GSM/BT
- 4\*SATA3.0, 1\*M.2 2280 M-Key(Pcie X4)
- 支持TPM 2.0安全加密, 支持AMT12.0, Intel® Vpro技术
- ATX Power (12V/5V/3.3V)



## 规格

系统	<b>CPU</b>	Intel® Xeon® E or 9th/8th-Gen Core™ i9/i7/i5/i3 LGA1151 processor, 最高8核心16线程
	<b>芯片组</b>	Intel® C246/Intel® Q370
	<b>系统内存</b>	4*288-Pin DIMM, 双通道DDR4 2666/2400MHz, 最大128GB
	<b>扩展接口</b>	1*全长Mini PCIe (PCIeX1+USB信号) 带SIM卡槽 2*PCIe X16 slot (Gen3, 支持1*PCIe X16, 若另一个插槽也接上设备则自动变成2*PCIe X8) 2*PCIe X8 slot (Gen3, 2*PCIe X4信号) 1*M.2 2280 M-key(Gen3, PCIe X4)
	<b>显示</b>	Intel UHD Graphics, Supports DirectX11.1, OpenGL 5.0 and OpenCL 2.1 DP最高分辨率4096*2304@60Hz, HDMI最高分辨率3840*2160@30Hz, 支持3独立显示
	<b>音频</b>	Realtek ALC662VD芯片, 支持5.1声道
	<b>以太网</b>	2*Intel I210AT PCIe千兆网, 10/100/1000Mbps 1*Intel I219LM PCIe千兆网, 10/100/1000Mbps, 支持AMT12.0, 支持iVpro技术
	<b>键盘&amp;鼠标</b>	PS/2 & USB类键盘鼠标
	<b>存储</b>	4*SATA3, 6.0Gbps HDD/SSD 支持Raid 0/1/5/10 1*M.2 2280 M-key(Pcie X4), 支持NVMe 存储
	<b>DIO</b>	8位TTL信号, 可编程输入输出
	<b>板内I/O</b>	2*USB3.1 Gen2, 1*USB2.0 type A, 2*USB2.0插针, 4*COM插针, PS/2 wafer 1*F_PANEL插针(Power SW, Reset, LED, HDD LED), 8位DIO, 1*SM bus
	<b>板边I/O</b>	3*RJ45 Gig-LAN 4*USB3.1 Gen2 Type A, 4*USB2.0 Audio out, Mic 1*HDMI +2*DP
	<b>开关&amp;LED</b>	板内插针信号(Power SW, Reset, Power LED, HDD LED)
	<b>安全</b>	支持Infineon TPM2.0
	<b>电源要求</b>	24-pin ATX/8-pin ATX 12V, 功耗: 374W (I7-8700, 16GB DDR, 2*4TB硬盘, GTX-1660显卡)
<b>看门狗定时器</b>	可编程超时中断或系统复位, 1到255秒	
<b>操作系统</b>	Windows* 10 Enterprise & IOT Enterprise (64 位) (CFL-R) Windows* Server 2016 (Intel® Xeon® E) Ubuntu*、SuSe*、Redhat Enterprise* 1,2 (Kernel 4.14) (CFL-R) Wind River* VxWorks* 7 (CFL-R)	

\*All specifications and photos are subject to change without notice.

