

# CES-EH11-D340

嵌入式无风扇边缘计算系列

**Intel® Skylake-S/Kabylake-S系列LGA1151奔腾/赛扬/酷睿处理器  
H110芯片组, 3网口, 最大支持6串口  
8个USB, 16bit DIO, 可选9-36V宽压输入**

采用Intel® Skylake-S/Kabylake-S系列LGA1151奔腾/赛扬/酷睿处理器, 搭载H110芯片组, 拥有丰富I/O接口, 同时具有高度灵活的扩展性, 可扩展PCIEX16, PCIEX8, PCIEX4, PCIEX1及PCI插槽, 标准19-24V DC电压输入, 可选9-36V宽压, 结构采用无风扇设计, 稳定性高, 可广泛应用于工业自动化、机器视觉、能源环保、设备检测、金属探测等领域。



采用Skylake-S/Kabylake-S系列LGA1151奔腾/赛扬/酷睿处理器, 搭载H110芯片组  
支持双通道DDR4 2133MHz SODIMM内存插槽, 内存容量最大可达32GB  
支持三个千兆网口  
支持VGA, HDMI及DP++ 双显  
内置2 x 2.5寸HDD/SSD支架  
内置1 x Mini-PCIe, 1 x M.2 2230 wifi卡槽及1 x M.2 2242扩展槽, 支持多种模块扩展  
可支持PCIe X 16, PCIe X 8, PCIe X 4, PCIe X 1及PCI扩展插槽  
标准19-24V DC电源输入, 可选宽压9-36V DC-IN



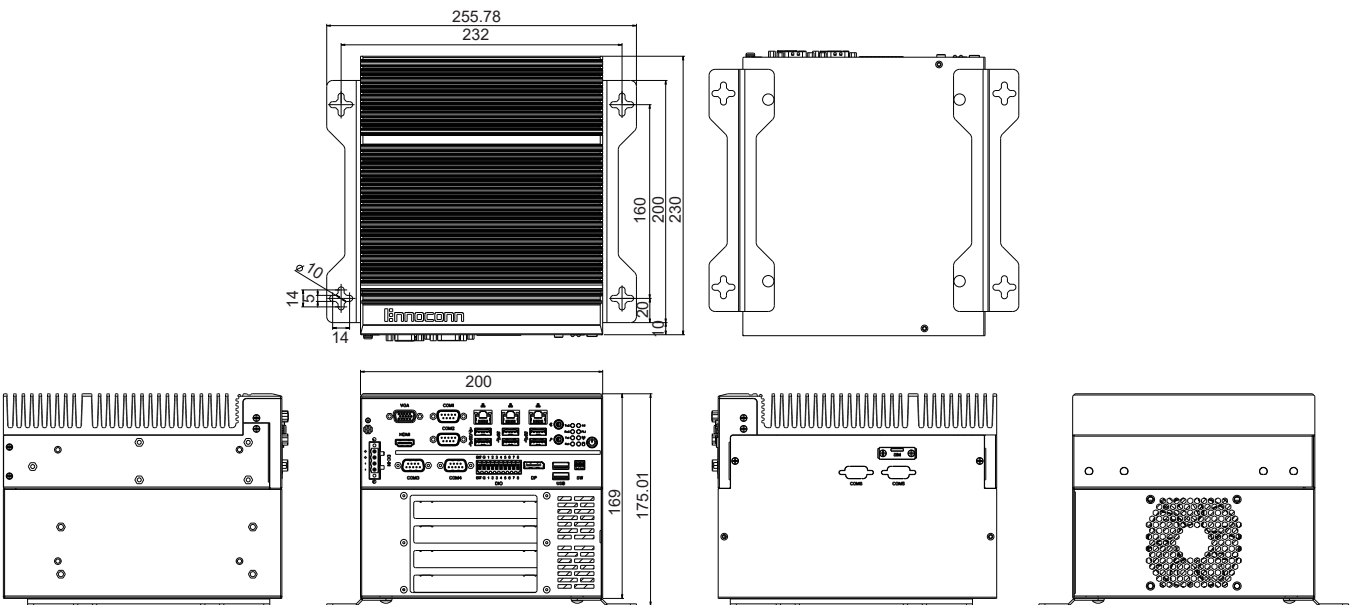
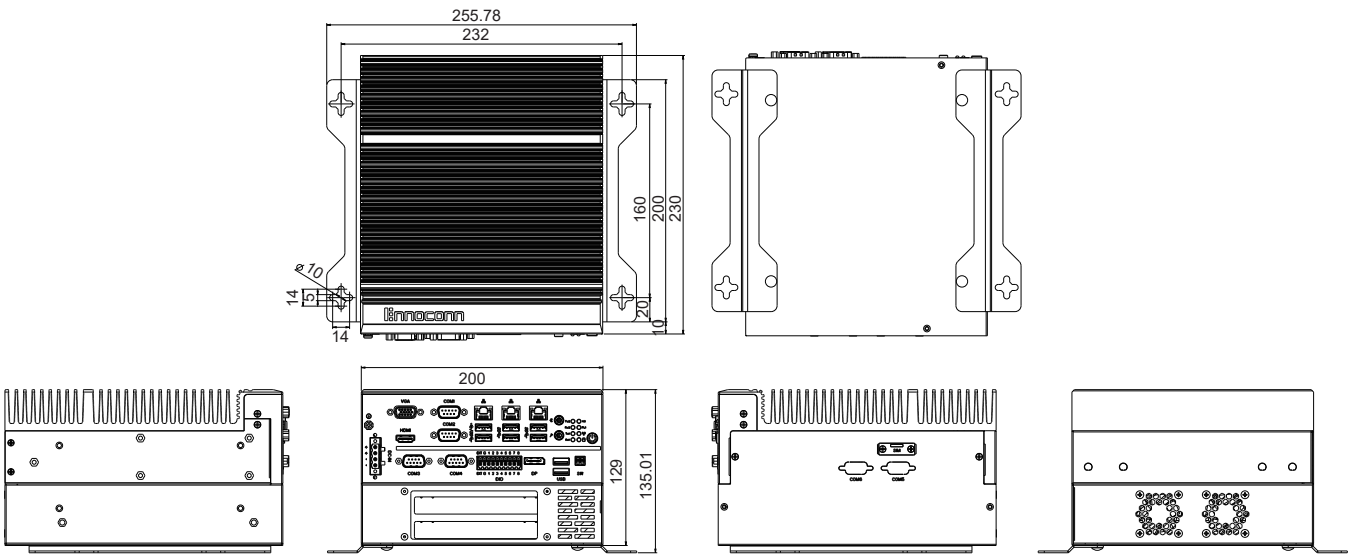
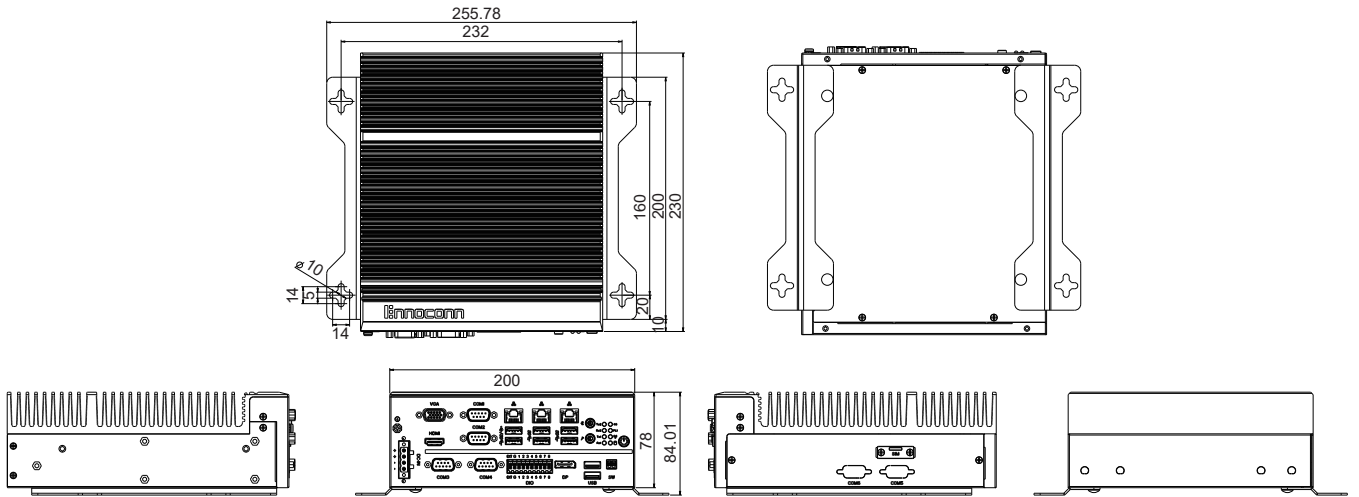
## 规格 Specification

系统 System		内部接口 Internal I/O	
处理器 Processor	Intel® 6th/7th Gen. Pentium®, Celeron®, Core™ i3/i5/i7 Processor, LGA1151 Socket, up to 65W	扩展接口 Expansion	1 x Mini-PCIe slot 1 x M.2 2230 slot for Wifi module
芯片组 Chipset	Intel H110 PCH	SIM 卡	1 x SIM Card socket for 3G/4G module
内存 Memory	2 x DDR4 2133MHz SO-DIMM, Up to 32GB	外部接口 External I/O	
图形 Graphics	Intel® HD Graphics 530/510 (Intel 6th Gen. CPU) Intel® HD Graphics 630 (Intel 7th Gen. CPU)	网口 Ethernet	2 x RJ45, Intel® i211AT GbE (10/100/1000 Mbps) 1 x RJ45, Intel® I219LM GbE (10/100/1000 Mbps)
存储 Storage	2 x 2.5" SATA 3.0 HDD/SSD Bay 1 x M.2 2242 SSD slot	显示 Video	1 x VGA: max resolution up to 1920 x 1200 1 x HDMI: max resolution up to 4096 x 2160 1 x DP++: max resolution up to 4096 x 2304
操作系统 OS	Windows 7/8/10, Linux	音频 Audio	1 x Line-out, 1 x Mic-in, Realtek® ALC269 HD Audio codec
看门狗定时器 Watchdog Timer	Programmable 255 levels timer interval, from 1~255 sec/min	串口 COM	4 x RS232/422/485 auto-flow 2 x RS232 (optional by internal pin head)
机构 Mechanical		USB	4 x USB3.0, 4 x USB2.0
外观 Housing	铝合金 Aluminum Alloy	GPIO	1 x 16bit programmable GPIO (default 3.3V, 5V optional)
安装方式 Mounting	桌面式 (Desk-Mount), 壁挂式 (Wall-Mount)	按钮 Button	1 x Power button
尺寸 Dimension	200 x 230 x 78 mm	指示灯 Indicators	1 x Power LED (Green for Power-on, Blink for Sleep mode, Off for Power-off) 1 x HDD LED (Red blink for Data read or write) 2 x COM1 LED for Rx1 and Tx1 2 x COM2 LED for Rx2 and Tx2 1 x Wifi communication LED (yellow blink for communication) 1 x 4G communication LED (yellow blink for communication) 1 x PL1 for user defination (can indicate CPU temperature, voltage dectact, CPU/SYS Fan speed, etc)
重量 Weight	3.5kg	远程开关 Remote ON-OFF	1 x Remote ON-OFF
环境 Environmental		电源 Power	
操作温度 OperatingTemp.	-10°C ~ 40°C with 0.7m/s air flow (with 65W CPU and industrial SSD) -10°C ~ 50°C with 0.7m/s air flow (with 35W CPU and industrial SSD) 0°C ~ 30°C with 0.7 m/s air flow	电源输入 Power Input	19-24V DC, 4-pin phoenix connector (9-36V DC optional with power board)
存储温度 Storage Temp.	-40°C ~ 85°C		
湿度 Relative Humidity	5% ~ 95%, 非凝结状态 Non-condensing		
振动 Vibration	SSD: 5~500Hz, 2Grms operation HDD: 5~500Hz, 1Grms operation		
机械冲击 Shock	Operation: 10G@11ms Non-operation: 30G@11ms		
认证 Certification			
安规认证 Safety Certification	CCC, CE, FCC		

## 订购清单 Order List

	型号 Model Name	描述 Description		型号 Model Name	描述 Description
标配 Standard	CEA-GP00-CON0	1 x 16bit GPIO conn (3.50), female	选配 Optional	CEA-150L-IS00	150cm AC power cord
	CEA-PWDC-CAB4	1 x 4P DC in Phoenix conn (5.00), female		CEA-EQ17-PWBD	9-36V DC power board for CES-EQ17/EH11
	CEA-RESW-CAB0	1 x 2P Remote Phoenix conn (3.50), female		CEA-EQ17-2S11	2 slots module (1 x PCIe16 slot and 1 x PCI slot) for CES-EQ17/EH11
	CEA-SKIT-EQ17	standard wall mount kit		CEA-EQ17-4S13	4 slots module (1 x PCIe16 slot and 3 x PCI slot) for CES-EQ17/EH11
				CEA-150W-LT00	LITEON 150W adapter, 19.5V @7.7A, 4pin terminal
				CEA-180W-LT00	LITEON 180W adapter, 19.5V @9.23A, 4pin terminal
				CEA-230W-LT00	LITEON 230W adapter, 19.5V @11.8A, 4pin terminal
				CEA-330W-LT00	LITEON 330W adapter, 19.5V @19.6A, 4pin terminal
				CEA-CM15-CAB0	1xCOM, 2x5P, 150mm, black

■ 尺寸 Dimension (Unit:mm)



注

产品配置请以合同或实物为准,如有修改恕不另行通知;  
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