

CEFS-RA21-Q37A-4U

高效能多扩展工控机CEFS系列

**4U 标准上架式工业计算机, 三显(VGA/DVI-D/DP++)
双网, 13 x USB, 6 x COM, 多扩展**

4U standard rack-mounted industrial computer, Triple display(VGA/DVI-D/DP++)
dual lan, 13 x USB, 6 x COM, multiple extensions



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|--|---|
| Intel® 8th/9th 酷睿 i9/i7/i5/i3/奔腾®/赛扬®处理器, 功耗最高支援到95W | Intel® 8th/9th Core™ i9/i7/i5/i3/Pentium®/Celeron® processor, TDP up to 95W |
| 采用Q370 | Adopt Q370 chipset |
| 支持双千兆网口 | Support dual GbE LAN |
| 支持VGA、DVI-D、DP++三屏异显 | Support VGA/DVI-D/DP++ triple display |
| 内置PCI、PCIe插槽, 支持多种模块扩展 | Support PCI and PCIe slots for multiple module extensions |
| 抗震动磁盘架设计, 可支持1个5.25"光驱、2个2.5" SSD、3个3.5"HDD硬盘 | Anti shock design, support 1 x 5.25" CD-ROM, 2 x 2.5" SSD, 3 x 3.5" HDD |
| 前部可访问 USB接口, 更易于数据传输 | Front USB, which is more convenient for data transmission |
| 海岸线上的USB端口支持Ennoconn USB SR Pro | Support Ennoconn USB SR Pro for rear USB ports |



金融
Financial



智能制造
Intelligent
Manufacturing



工业自动化
Industrial
Automation

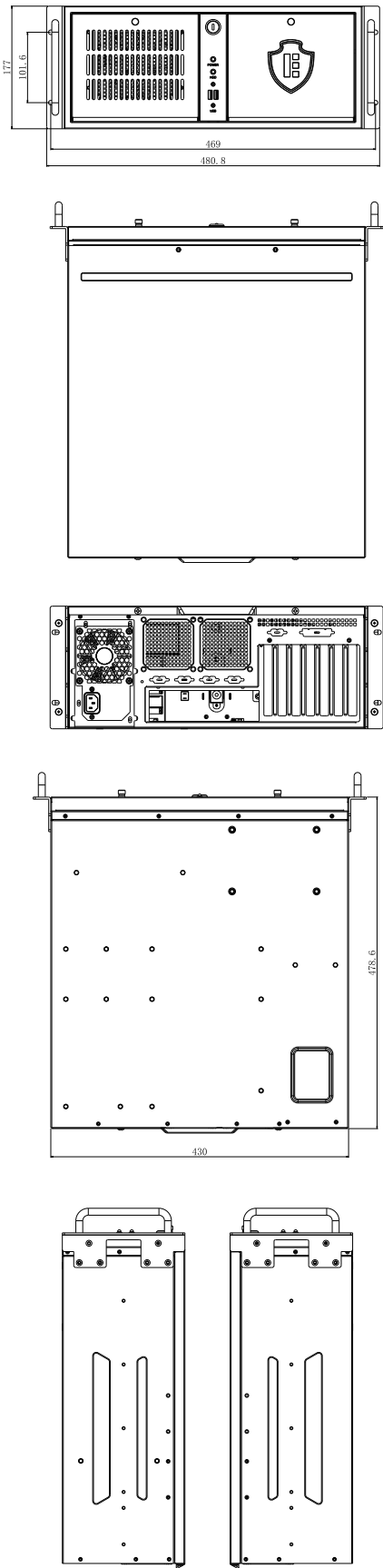


轨道交通
Rail Transit



能源与环境
Energy &
Environment

■ 尺寸 Dimension (Unit:mm)



■ 规格 Specification

系统 System		
处理器 Processor	Intel® 8th/9th Gen Core™ i9/i7/i5/i3/Pentium®/Celeron® Processor, TDP up to 95W	
芯片 Chipset	Intel® Q370	
内存 Memory	Dual Channel,4 x U-DIMM Slot,DDR4 2400/2666 MHz, up to 128GB	
图形 Graphics	Intel® HD Graphics, triple display	
存储 Storage	4 x SATA3.0, 1 x M.2 (PCIe3.0 x 4 Support NVME)2242/2280	
操作系统 OS	Windows 10, Linux	
外部接口 External I/O		
网口 Ethernet	1 x Intel® i219-LM GbE, 1 x Intel® i210AT/211AT (10/100/1000 Mbps)	
显示 Video	1 x DVI-D: max resolution up to 1920 x 1200 @ 60Hz 1 x VGA: max resolution up to 1920 x 1200 @ 60Hz 1 x DP++: max resolution up to 4096 x 2304 @ 60Hz	
音频 Audio	1 x Line-in, 1 x Line-out, 1 x Mic-in	
串口 COM	1 x RS232/422/485 (with auto flow control)	
USB	4 x USB3.2 Gen2, 2 x USB3.2 Gen1, 4 x USB2.0	
按钮 Button	1 x Power Button, 1 x Reset Button	
指示灯 LED	1 x Power LED, 1 x HDD LED	
内部接口 Internal I/O		
扩展接口 Expansion	2 x PCIe X16 (Gen3, 1 x 16 or 2 x 8 link), 3 x PCIe X4 (X4 link), 2 x PCI	
USB	3 x USB2.0 (2 x Type-A)	
风扇 FAN	1 x CPU Fan, 2 x System Fan	
GPIO	1 x 16-bit GPIO	
串口 COM	1 x RS232/422/485 (with auto flow control), 2 x RS232/485, 2 x RS232	
Mini-PCIE Slot	1 x PCIE3.0x1,1 x SATA3.0	
PS/2	1 x PS/2 (keyboard and mouse)	
LPT	1 x LPT	
信赖平台模块 TPM	Nuvoton TPM1.2	
环境 Environmental		
操作温度 Operating Temp.	0°C ~ 40°C	
存储温度 Storage Temp.	-20°C ~ 60°C	
湿度 Relative Humidity	5% ~ 95%, 非凝结状态 Non-condensing	
随机振动 Random Vibration	5~500Hz, 1Grms (HDD)operation	
正弦振动 Sine Vibration	5~500Hz, 2G Non-operation	
机械冲击 Shock	10G @ 11ms operation	
电源 Power		
电源输入 Power Input	100~240V (AC)	
电源功耗 Power Watt	300W	
机构 Mechanical		
外观 Housing	SECC 1.2mm	
尺寸 Dimension	480.8(W) x 177(H) x 478.6(D) mm	
重量 Weight	15kg (约)	
安装方式 Mounting	机柜式 (Rack-Mount)	
认证 Certification		
安规认证 Safety Certification	CCC&CE&FCC	
订购清单 Order List		
标配 Standard	型号 Model	描述 Description
	35074KN00-704-G	AC Power Cable,1500mm,+70/-0mm,I-SHENG,T
	35091QW00-0R3-G	S-ATA Signal Cable Assembly,400mm,+/-20mm
选配 Optional	型号 Model	描述 Description
	86011CG00-01T-G	Desktop SPS,500W PFC,HUNTKEY,HK601-11PP
	860117D00-289-G	Desktop SPS,650W Non PFC,LITEON,PS-8651-
	86011BJ00-01T-G	PC SPS,750W,HUNTKEY,HK850-11PP
	86020E400-66A-G	Server SPS,850W 1U,GREATWALL,GW-ATX850BL
	86020GK00-66A-G	SPS,1000W 1U,GREATWALL,GW-EPS1000DA(90+)
	351061R00-JTU-G	LPT cable with bracket, 450mm,
	351061S00-JTU-G	GPIO cable with bracket,350mm
	35106BR00-38L-G	1 to 2 USB Cable with bracket,300mm+/-15mm
	351091T00-0R3-G	Com*1 Bracket Cable,400mm,+/-10mm,KASIJ
	351091S00-0R3-G	Com*2 Bracket Cable,400mm,+/-10mm,KASIJ

注

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