

CEFS-RA21-H42A-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/HDMI/DP++)
双网口, 10 x USB, 6 x COM, 多扩展**

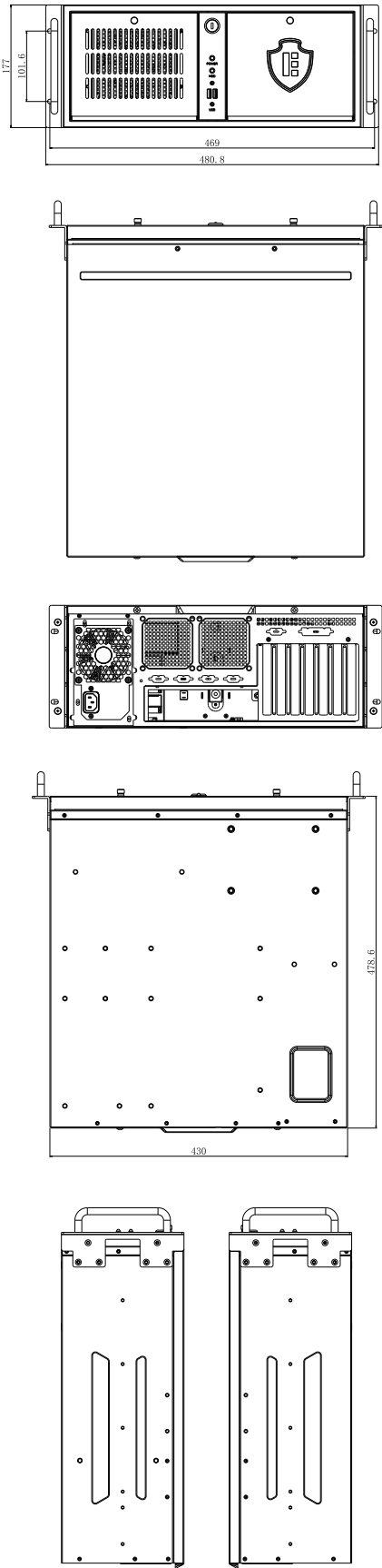
4U standard rack-mounted industrial computer, Triple display(VGA/HDMI/DP++)
two LAN, 10 x USB, 6 x COM, multiple extensions



- | | |
|---|---|
| Intel® 10th/11th 酷睿 i9/i7/i5/i3/奔腾®/赛扬®处理器, 功耗最高支援到125W | Intel® 10th/11th Core™ i9/i7/i5/i3/Pentium®/Celeron®processor,TDP up to 125W |
| 采用H420E 芯片组 | Adopt H420E chipset |
| 支持VGA, HDMI, DP++双屏异显 | Support VGA, HDMI and DP++ independent dual 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寸光驱、2个2.5"SSD、3个3.5"HDD硬盘 | Anti shock design, support 1 x 5.25 inch CD-ROM, 2 x 2.5 inch SSD, 3 x 3.5 inch 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 |



■ 尺寸 Dimension (Unit:mm)



■ 规格 Specification

系统 System		
处理器 Processor	Intel® 10th/11th Gen Core™ i9/i7/i5/i3/Pentium®/Celeron® Processor, LGA1200, TDP up to 125W	
芯片 Chipset	Intel® H420E	
内存 Memory	2 x DDR4 2400/2666/2933 MHz U-DIMM Slot, up to 64GB	
图形 Graphics	Intel® UHD Graphics 630	
存储 Storage	3 x SATA 3.0, 1 x M.2 (SATA3.0)	
操作系统 OS	Windows 10 64Bit, Linux	
看门狗 Watchdog Timer	System Reset, Programmable via software from 1 to 255 seconds	
信赖平台模块 TPM	Nuvoton TPM2.0(optional, need MOQ)	

外部接口 External I/O	
网口 Ethernet	1 x Intel® i219-LM/i219V GbE, 1 x Intel® i225-LM/i226-V (10/100/1000/2500 Mbps)
显示 Video	1 x HDMI: max resolution up to 3840 x 2160@60Hz 1 x VGA: max resolution up to 1920 x 1200 @ 60Hz 1 x DP++: max resolution up to 4096 x 2304 @ 60Hz
PS/2	1 x PS/2 (Mini-DIN-6)
音频 Audio	1 x Line-out, Mic-in
串口 COM	1 x RS232/422/485 (with auto flow control)
USB	6 x USB3.2 Gen1, 2 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	1 x PCIe3.0 X16 (X16link), 1 x PCIe3.0 X4 (X4 link), 4 x PCI
USB	2 x USB2.0 (Type-A share USB signal with one USB2.0)
风扇 FAN	1 x CPU Fan, 2 x System Fan
GPIO	1 x 8-bit GPIO
串口 COM	1 x RS232/422/485 (with auto flow control), 4 x RS232
LPT	1 x LPT

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
	351052K00-JTU-G	GPIO Cable Assembly,110mm,+/-10mm,
	35106BR00-38L-G	1 to 2 USB Cable with bracket,300mm+/-15mm
	35108P900-JTU-G	Front Audio Cable, 300mm, +/-10mm
	35108U500-3LG-G	COM2 Cable with Bracket, 700mm
	35108U400-3LG-G	COM3/4, COM5/6 Cable with Bracket, 700mm



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