KMDA-5920-S002 CPU, 3*LAN, 6*USB3.1, 1*VGA, 2*DP, 4*COM, 16bit Iso.DIO, 2*PCIe, 1*Mini PCIe, 3*M.2, 2*SATA3.0, DC 9-36V.

Intel® 8th/9th Gen Coffee Lake LGA1151 JHCTECH





1*VGA

















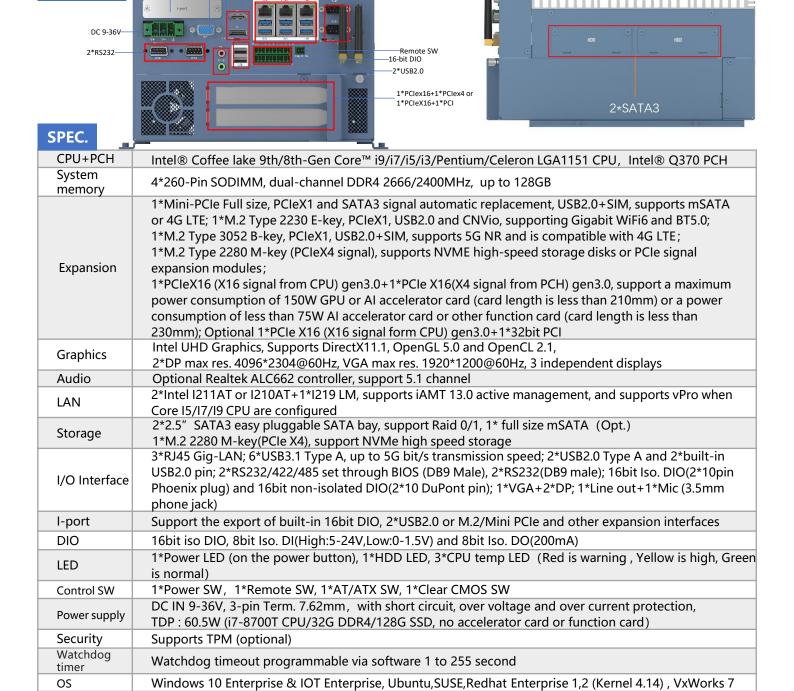


- Intel® 8th/9th Gen Coffeelake LGA1151 CPU Intel® Q370 high-performance chipset
- 4*DDR4 2400/2666MHz SODIMM, up to 128GB
- Supports 2*DP dual 4K and 1*VGA, 3 independent
- displays
- 3*LAN, 6*USB3.1, 2*USB2.0, 4*COM, 16bit Iso. DIO 1*Mini PCle with SIM slot, support 4G and WIFI/BT
- 1*M.2 B-Key 3052 with SIM slot, support 5G module
- 1*M.2 E-key 2230, supports Gigabit WiFi/BT modules
- 1*PCIeX16 and 1*PCIeX16 (X4 signal) dual expansion
- 2*SATA3.0 SATA bay, supports RAID0, 1 and hot swap desian
- Optional 1*mSATA and 1*M.2 M-Key supports NVMe
- high-speed storage
- Wide power input DC 9-36V, with short circuit, over voltage and over current protection

Product Overview

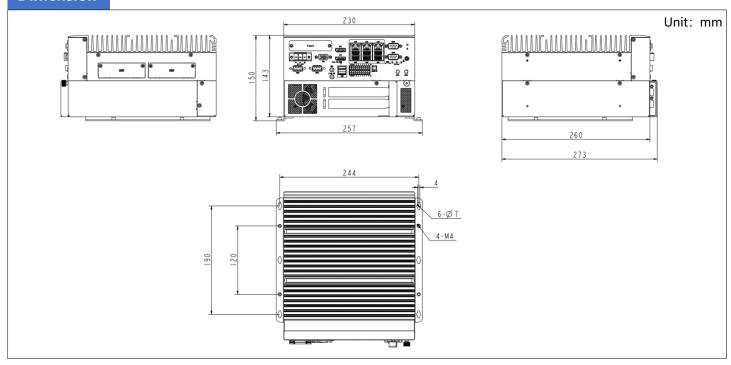
IO Layout

KMDA-5920 is a fanless and high-performance box computer with Q370 chipset, powered by Intel® 8th /9th Gen Coffee lake CPU has complete IO function, dual PCIe extensions, wide voltage DC power supply and moderate size. It is suitable for industrial automation, highway tolling, AI edge computing, security monitoring and environmental detection and other industries and fields. 1*MIC&Line out 3*LAN+6*USB3.1 2*RS232/422/485



Mechanical	Aluminum-magnesium alloy, SGCC frame
Color	Pigeon blue + White aluminum grey
Mounting	Desktop Mounting
Dimension	(L*W*H): 230*273*143mm
Net weight	5.9 kg
Operating temperature	-20 ~ 60°C, SSD, air flow -10 ~ 55°C,HDD, air flow
Storage temperature	-40°C~85°C
Storage humidity	10~95%@40°C, Non-condensing
Vibration	5grms/5~500Hz/random/in working(SSD); 1grms/5~500Hz/random/in working(HDD)
Shock	50g peak acceleration(11ms duration)(SSD); 20g peak acceleration(11ms duration)(HDD)
EMC/ Certification	CE/FCC Class A

Dimension



Ordering Info.

Model No.	Introduction	Expansion	
KMDA-5920-S002	Fanless box computer, Intel® 8th /9th Gen Coffeelake LGA1151 CPU, Q370 PCH, 4*DDR4 SODIMM, 3*LAN, 6*USB3.1, 2*USB2.0, 4*COM, 1*VGA, 2*DP, Audio Line out & Mic, 16bit Iso.DIO, 1*M.2 E-Key, 1*M.2 B-Key,1*M.2 M-Key, 2*2.5" SATA bay, 1*Mini PCIe(mSATA), 1*I-port, DC 9-36V.	Standard configuration: ECX-255 dual expansion card, 1*PCleX16 (X16 signal) +1*PCleX16 (X4 signal) Optional: ECX-271 dual expansion card, 1*PCleX16	
PA-120DC19	AC/DC power adapter, DC 19V/6.32A,120W (X16 signal) +1*32bit PCI		
PA-220DC24	AC/DC power adapter, DC24V@9.17A ,220W		
PA-300DC24 AC/DC power adapter, DC24V@12.5A ,300W			
AC-140	8bit iso input, 8bit power relay output terminal board, DC 12V, the source signal is a 16bit TTL signal GPIO		

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