apq

阿普奇边缘计算,助力工业更智慧

Features:

- Intel® Alder Lake N CPU
- 10-point capacitive touch screen, 15.6/21.5" panel optional
- Full aluminum alloy enclosure, front panel IP65 rated
- Integrated dual Intel® Gigabit LAN ports
- Supports WiFi and 4G wireless expansion
- Housing cover design for easy installation of RAM, SSD, WiFi and 4G/5G modules.
- Fanless design, external fan optional
- Embedded / VESA mounting
- 12~28V DC

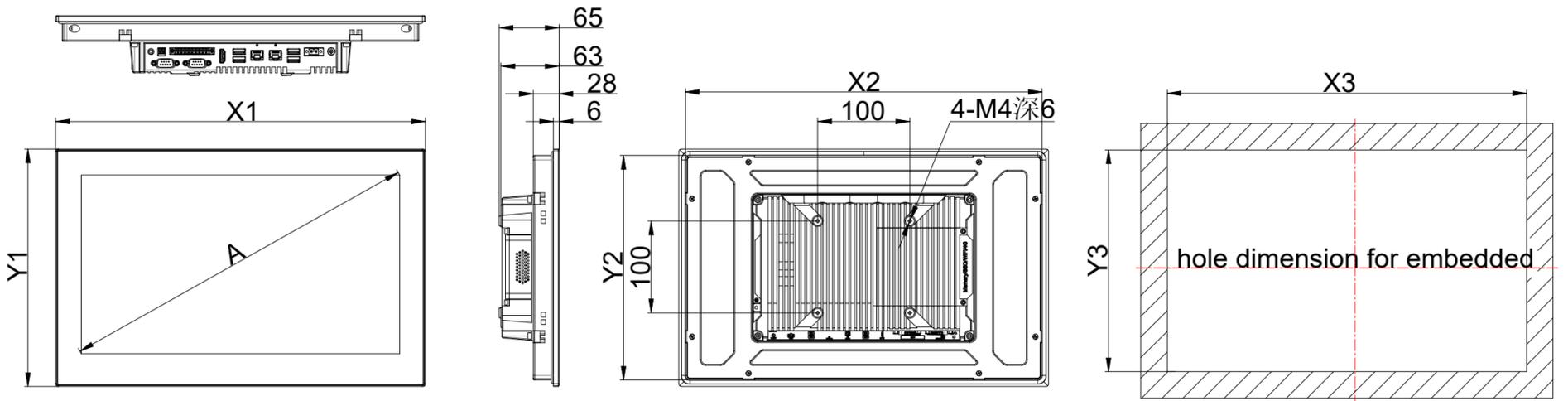| Remote Management | Condition Monitoring | Remote Operation And Maintenance | Safety Control |

Product Specification

	Model	PC156CQ-XXXX	PC215CQ-XXXX
LCD Panel	Size	15.6"	21.5"
	Resolution	1920 x 1080	1920 x 1080
	Aspect Ratio	16:9	16:9
	Viewing Angle	89/89/89/89	89/89/89/89
	Brightness	250 cd/m²	250 cd/m²
	Contrast Ratio	1000:1	1000:1
	Backlight Service Life	15,000Hrs	30,000Hrs
Touch Screen	Touch Type		
	Control Signal	USB	
	Input Method	Finger / Capacitive Pen	
	Transmittance	≥85%	
	Surface Hardness	≥6H	
Processor	CPU	Intel® Alder Lake N Series N97/ Core™ i3-N305	
	Chipset	SOC	
	BIOS	AMI EFI BIOS	
Memory	Slot	1 * DDR4 SO-DIMM slot,up to 3200MHz	
	Max Capacity	Max 16GB	
Graphics	Display Chip	Intel® UHD	
Ethernet	Network Chip	2 * Intel® i210AT (10/100/1000Mbps, RJ45)	
Storage	M.2	1 * M.2 Key-M slot (PCIe x1/SATA3.0 SSD Auto-detect, include PCIe x1 Gen4/SATA3.0,2280) 1 * M.2 Key-B slot (SATA3.0 SSD, 2242/2280)	
Expansion Slots	M.2	1 * M.2 Key-B Slot (support SATA SSD or 4/5G Model, include SATA3.0+USB 3.0+USB2.0, with 1*SIM Card Slot, 3042/3052/2242/2280) 1 * M.2 Key-E Slot (support WiFi, include PCIe x1+USB2.0)	
Front I/O	USB	4 * USB3.2 Gen1 (Type-A)	
	Ethernet	2 * RJ45	
	Display	1 * HDMI, max. Resolution 3840*2160@30H, 24bpp/2048*1080@60Hz	
	COM	2 * DB9 (COM1/2, supports RS232/RS485/RS422, switchable via BIOS)	
	GPIO	8 * GPIO (10P, P=3.5/3.81, 4*DI+4*DO)	
	Audio	1 * 3.5mm Combo Audio Jack (LineOut+MIC)	
	Buttons	1 * Power button 1 * Reset button 1 * System restore button	
	PSON	1 * External power button connector	
	Power	1 * Power input connector (2P, P=5.08mm)	
Power Supply	Type	DC	
	Voltage	12~28V	
	Connector	1 * 2P Power Socket (P=5.08mm)	
	RTC Battery	CR2032 Coin Cell	
OS Support	Windows	Windows 10/11	
	Linux	Linux	
Watchdog	Output	System reboot	
	Interval	1 ~ 255 seconds, programmable	
Structure	Housing	Aluminum alloy	
	Mounting	VESA/Embedded	
	Dimensions(L*W*H)	401.0mm*258.5mm*65.0mm	536.0mm*327.0mm*65.0mm
	Weight	Net:3.6KG, Total:4.9KG	Net:6.6KG, Total:8.4KG
Environment	Heat Dissipation System	Passive cooling (external fan optional)	
	Operating Temperature	0~50℃	0~50℃
	Storage Temperature	-20~60℃	-20~60℃
	Relative Humidity	10 to 95% RH (non-condensing)	

Product Size

A	System Dimension		Panel Mount			
	X1	Y1	X2	Y2	X3	Y3
15.6"	401	258.5	387	244.5	390	247.5
21.5"	536	327	522	313	525	316

4-M4深6

100

hole dimension for embedded

Product I/O

PSON GPIO Reset OS Rec DCIN

COM2 COM1 HDMI LAN*2 On/Off/ LED
Audio USB3.2*2 USB3.2*2

内存/M.2 SSD/W iFi/4G 快速安装

GND

天线*4