

特点：

- 全屏电容触摸屏设计
- 模块化设计 10.1~21.5"可选,支持方屏/宽屏
- 前面板满足 IP65 要求
- 前面板集成 USB Type-A 和信号指示灯
- 采用 Intel® 11th-U 移动平台 CPU
- 集成双 Intel®千兆网卡
- 双硬盘存储支持,2.5"硬盘可抽拉设计
- 支持 APQ aDoor 模块扩展
- 支持 WiFi/4G 无线扩展
- 无风扇设计、可拆卸式散热器
- 嵌入式/VESA 安装
- 12~28V 直流供电



程管理



状态监控



远程运维

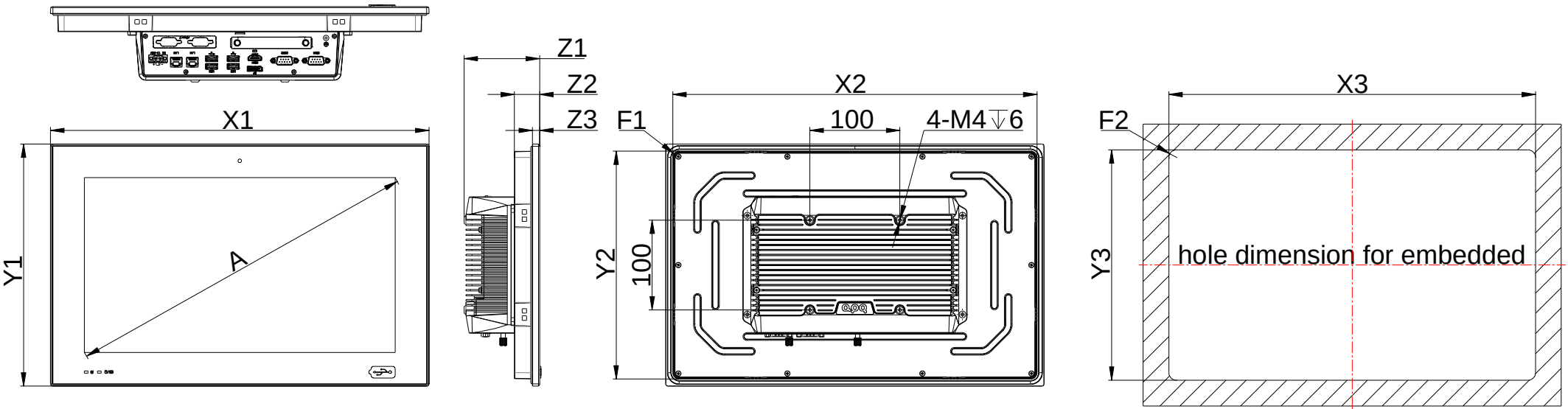


安全控制

产品规格

Model		PL101CQ-E6	PL104CQ-E6	PL121CQ-E6	PL150CQ-E6	PL156CQ-E6	PL170CQ-E6	PL185CQ-E6	PL191CQ-E6	PL215CQ-E6
LCD	Display Size	10.1"	10.4"	12.1"	15.0"	15.6"	17.0"	18.5"	19.0"	21.5"
	Display Type	WXGA TFT-LCD	XGA TFT-LCD	XGA TFT-LCD	XGA TFT-LCD	FHD TFT-LCD	SXGA TFT-LCD	WXGA TFT-LCD	WXGA TFT-LCD	FHD TFT-LCD
	Max.Resolution	1280 x 800	1024 x 768	1024 x 768	1024 x 768	1920 x 1080	1280 x 1024	1366 x 768	1440 x 900	1920 x 1080
	Luminance	400 cd/m2	350 cd/m2	350 cd/m2	300 cd/m2	350 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2
	Aspect Ratio	16:10	4:3	4:3	4:3	16:9	5:4	16:9	16:10	16:9
	Viewing Angle	89/89/89/89°	88/88/88/88°	80/80/80/80°	88/88/88/88°	89/89/89/89°	85/85/80/80°	89/89/89/89°	85/85/80/80°	89/89/89/89°
	Max. Color	16.7M	16.2M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
	Backlight Lifetime	20,000 hr	50,000 hr	30,000 hr	70,000 hr	50,000 hr	30,000 hr	30,000 hr	30,000 hr	50,000 hr
	Contrast Ratio	800:1	1000:1	800:1	2000:1	800:1	1000:1	1000:1	1000:1	1000:1
Touchscreen	Touch Type	Projected Capacitive Touch								
	Controller	USB Signal								
	Input	Finger/Capacitive Touch Pen								
	Light Transmission	≥85%								
	Hardness	≥6H								
Processor System	CPU	Intel® 11 th Generation Core™ i3/i5/i7 Mobile -U CPU								
	Chipset	SOC								
	BIOS	AMI EFI BIOS								
	Socket	2 * DDR4-3200 MHz SO-DIMM Slot								
Memory	Max Capacity	64GB								
Graphics	Controller	Intel® UHD Graphics/Intel® Iris® Xe Graphics (dependent on CPU type)								
Ethernet	Controller	1 * Intel® i210AT (10/100/1000/2500 Mbps, RJ45) 1 * Intel® i219 (10/100/1000 Mbps, RJ45)								
Storage	SATA	1 * SATA3.0 Connector								
	M.2	1 * M.2 Key-M (SSD, 2280, NVMe+SATA3.0)								
	aDoor	2 * aDoor Expansion Slot								
Expansion Slots	aDoor Bus	1 * aDoor Bus (16*GPIO + 4*PCIe + 1*I2C)								
	Mini PCIe	1 * Mini PCIe Slot (PCIe x1+USB 2.0, with Nano SIM Card) 1 * Mini PCIe Slot (PCIe x1+USB 2.0)								
	USB	2 * USB3.2 Gen2x1 (Type-A) 2 * USB3.2 Gen1x1 (Type-A)								
	Ethernet	2 * RJ45								
Front I/O	Display	1 * DP: up to 4096x2304@60Hz 1 * HDMI (Type-A): up to 3840x2160@24Hz								
	Serial	2 * RS232/485 (COM1/2, DB9/M, BIOS control)								
	Switch	1 * AT/ATX Mode Switch (Enable/Disable automatically power on)								
	Button	1 * Reset (hold down 0.2 to 1s to restart, 3s to clear CMOS) 1 * OS Rec (system recovery)								
	Power	1 * Power Input Connector (12~28V)								
	USB	1 * Type-C								
	SIM	1 * Nano SIM Card Slot (Mini PCIe module provide functional support)								
Rear I/O	Button	1 * Power Button+Power LED 1 * PS_ON								
	Audio	1 * 3.5mm Audio Jack (LineOut+MIC, CTIA)								
	Front Panel	1 * Front Panel (wafer, 3x2Pin, PHD2.0)								
	FAN	1 * CPU FAN (4x1Pin, MX1.25) 1 * SYS FAN (4x1Pin, MX1.25)								
Internal I/O	Serial	1 * COM3/4 (5x2Pin, PHD2.0) 1 * COM5/6 (5x2Pin, PHD2.0)								
	USB	4 * USB2.0 (2*5x2Pin, PHD2.0)								
	LPC	1 * LPC (8x2Pin, PHD2.0)								
	Storage	1 * SATA3.0 7Pin Connector 1 * SATA Power								
	Audio	1 * Speaker (2-W (per channel)/8-Ω Loads, 4x1Pin, PH2.0)								
	GPIO	1 * 16bits DIO (8xDI and 8xDO, 10x2 Pin, PHD2.0)								
	Type	DC								
	Power Input Voltage	12~28VDC								
Power Supply	Connector	1 * 2Pin Power Input Connector (P=5.08mm)								
	RTC Battery	CR2032 Coin Cell								
	OS Support	Windows 10								
OS Support	Linux	Linux								
	Watchdog	System Reset								
Mechanical	Interval	Programmable 1 ~ 255 sec								
	Enclosure Material	Radiator/Panel: Aluminium, Box/Cover: SGCC								
	Mounting	VESA, embedded								
	Dimensions (L * W * H, Unit: mm)	272.1*192.7*84	284*231.2*84	321.9*260.5*84	380.1*304.1*85	420.3*269.7*84	414*346.5*84	485.7*306.3*84	484.6*332.5*84	550*344*84
	Weight	Net: 3.2Kg, Total:4.5Kg	Net: 3.4Kg, Total:4.7Kg	Net: 3.6Kg, Total:4.9Kg	Net: 5Kg, Total:6.6Kg	Net: 4.9Kg, Total:6.5Kg	Net: 5.7Kg, Total:7.3Kg	Net: 5.6Kg, Total:7.2Kg	Net: 6.5Kg, Total:8.1Kg	Net: 7Kg, Total:8.6Kg
Environment	Heat Dissipation System	Passive heat dissipation								
	Operating Temperature	-20~60°C	-20~60°C	-20~60°C	-20~60°C	-20~60°C	0~50°C	0~50°C	0~50°C	0~60°C
	Storage Temperature	-20~60°C	-20~70°C	-30~80°C	-30~70°C	-30~70°C	-20~60°C	-20~60°C	-20~60°C	-20~60°C
	Relative Humidity	10 to 95% RH (non-condensing)								
	Vibration During Operation	With SSD: IEC 60068-2-64 (1Grms@5~500Hz, random, 1hr/axis)								
	Shock During Operation	With SSD: IEC 60068-2-27 (15G, half sine, 11ms)								

产品尺寸



A	System Dimension			Panel Mount							
	X1	Y1	Z1	X2	Y2	Z2	X3	Y3	Z3	F1	F2
10.1"	272.1	192.7	84	260.9	181.5	28	262.5	183.1	8	6.9	7.8
10.4"	284	231.2	84	268.1	215.3	28	269.9	217.1	8	7.1	8.5
12.1"	321.9	260.5	84	307	245.6	28	309.8	248.4	8	7.1	8.5
15.0"	380.1	304.1	84	364.2	288.2	28	367	291	8	7.1	8.5
15.6"	420.3	269.7	84	404.5	253.8	28	407.3	256.6	8	7.1	8.5
17.0"	414	346.5	84	398.2	330.6	28	401	333.4	8	7.1	8.5
18.5"	485.7	306.3	84	469.8	290.4	28	472.6	293.2	8	7.1	8.5
19.0"	484.6	332.5	84	468.7	316.6	28	471.5	319.4	8	7.1	8.5
21.5"	550	344	84	538.7	327.7	28	539.5	330.9	8	7.1	8.5

产品 I/O

