

P215-2G Series

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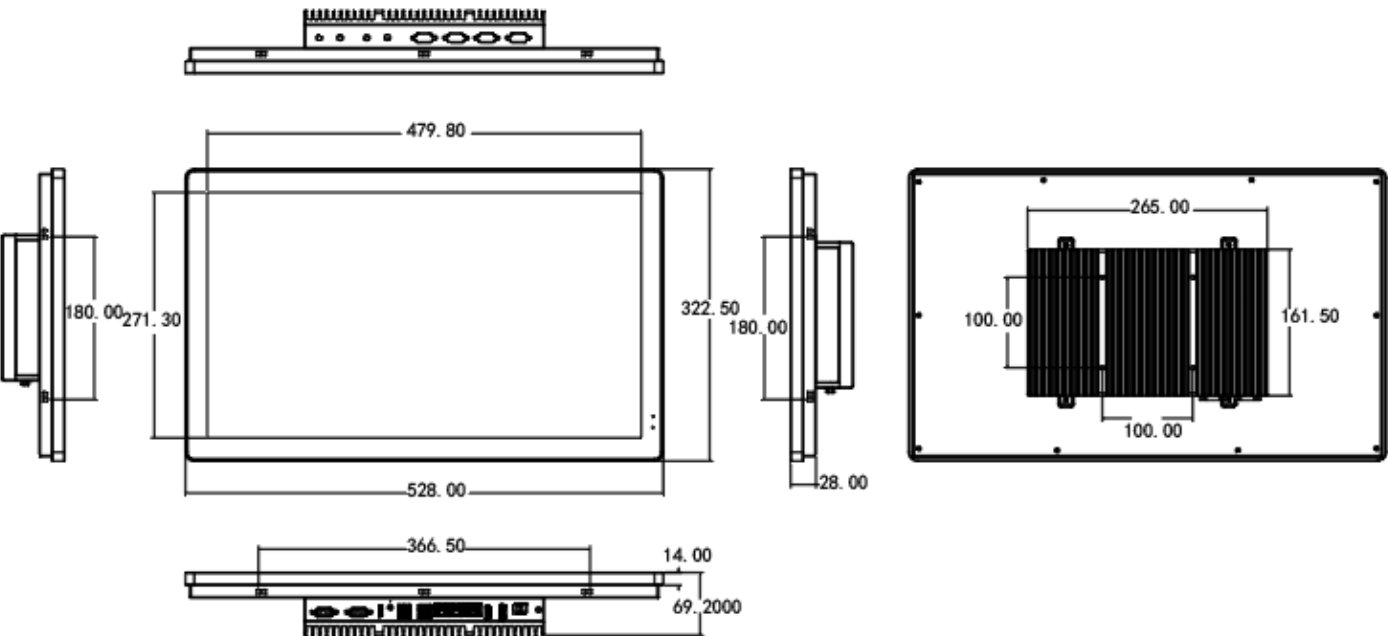
► Product Features

- Industrial grade 21.5" 1920*1080 TFT LCD,50K life, LED backlight
- Full plane with multi-touch projection capacitor,True flat touch screen with IP65 front panel protection
- Intel® Alder Lake-NSeries N97/ i3-N305
- Single channel DDR5,Type 16GB Memory
- 1DP, 1HDMI
- 3 LAN (2 x Intel i210 optional supports PoE, 1 x Realtek RTL8111H)
- 3 USB 3.0, 1USB 2.0
- 2COM (1 x RS-232/422/485, 1 x RS-232), supports Max. extension to 6COM
- Supports4G/5G, Wi-Fi module extension
- DC 9 to 36V, optional UPS module
- CE/FCC Class B, ESD 8KV/15KV
- Compact fanless design, aluminum alloy front panel and housing ground protection
- Supports VESA/ Embedded installation
- Windows 10/11, Centos 8, Ubuntu 20.04/22.04
- 528.00 x 322.50mm (L x W)

► Technical Specifications

P215-2G			
CPU	CPU	Intel® Alder Lake-NSeries N97/ i3-N305	
	TDP	15W	
	BIOS	AMI 128Mbit SPI Flash	
Memory	Technology	Single channel	
	Max. capacity	DDR5 SO-DIMM	
Graphics	Controller	Intel Gen12 UHD Graphics Engines (SoC integrated)	
	Feature	DX12, Open GL 4.6, Vulkan 1.2	
LCD	Type	FHD (Capacitive)	
	Dimension	21.5" (16:9)	
	Max. resolution	1920 x 1080	
	Max. colour	16.7M	
	Brightness cd/m²	250	
	Viewing angle (H/V°)	178°/178°	
	backlight life	50,000Hrs	
Touch Screen	Capacitive touch	Contrast ratio	1000:1
		Light Transmission	≥85%
		Touch Type	10 points Projected Capacitive
External I/O	DP	1 x DP1.4a resolution Type uo to4096 x 2304@60Hz	
	Ethernet	2 x Intel i210 GbE LAN (optional PoE), 1 x Realtek RTL8111H GbE LAN	
	USB	3 x USB 3.0, 1 x USB 2.0	
	Serial Port	1 x RS-232/422/485 (BIOS), 1 x RS-232 (Supports Max. extension up to 6COM)	
	Power input interface	4-pin phoenix terminal, Supports remote switch	
	HDMI	1 x HDMI2.0b resolution Type uo to4Kx2K@60Hz	
Inside I/O	BTB coupler	1 x PCIe x 1/2 x USB2.0/1 x I2C/1 x eSPI/4 x TTL (TX/RX/CTS/RTS/GND)	
	M.2 E-Key	1 x M.2 2230 SupportsWIFI (CNVIProtocol)	
	M.2 B-Key	1 x M.2 3042/3052 Supports4G/5G	
	M.2 M-Key	1 x M.2 2280 SATA3.0	
	SIM	1 x Nano SIM	
LED & Switch	LEDLED	Power,SSD,User-defined 1, User-defined 2	
	Power Button	1 x Power Button	
Power	Clear CMOS	1 x Clear CMOS	
	Power Input	DC 9 to 36V	
Others	Power management	AT/ATX	
	Max. consumption	30W	
Physical Characteristics	Watchdog	Interrupt, system reset, programmable 1 to 255 min/sec	
	TPM	TPM 2.0 (optional)	
	Dimension	528.00 x 322.50 x 69.20 mm (LxWxH)	
Environment	Weight	4.5 kg	
	Installation	VESA/ Embedded installation	
	Operating Temperature	0 to 60 °C (32 to 140°F)	
	Storage Temperature	-40° C to 85° C(-40 to 185° F)	
	OperatingHumidity	95% @ 40 °C (Non-condensing)	
	Storage Humidity	95% @ 60 °C (Non-condensing)	
Certification	EMC	CE, FCC	
OS	OS	Windows 10/11, Centos 8, Ubuntu 20.04/22.04	

▶ Product Dimension



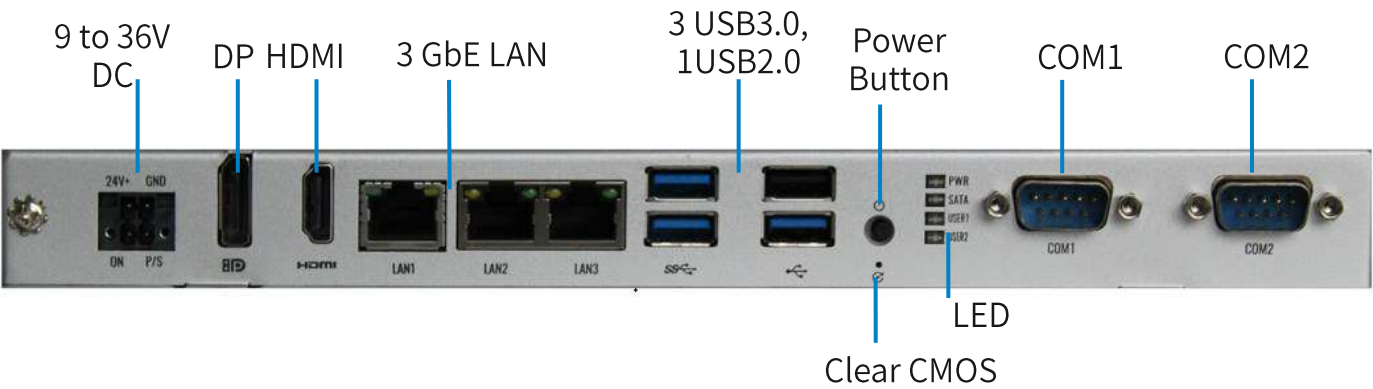
▶ Ordering Information

Model	Dimension	Type	CPU	Maximum frequency	TDP	Core/Thread	LAN	COM	USB3.0	USB2.0	DP	Power
P215G-2000	21.5"	1920x1080CapacitiveTouch Screen	N97	3.60 GHz	12W	4C	3	2	3	1	1	9 to 36V DC
P215G-4000	21.5"	1920x1080CapacitiveTouch Screen	i3-N305	3.80 GHz	15W	8C/8T	3	2	3	1	1	9 to 36V DC

▶ Optional Accessories

Part Number	Description
MF0A000000000069	WIFI+BT module M.2 2230 WIFI6 2T2R AW-XB547NF
MF0A000000000057	WIFI+BT module M.2 2230 WiFi5 2x2 9560.NGWG.NV
MF0A000000000016	5G module , M.2 RM500Q-GL Sub-6 GHz Worldwide (Excluding the US)
MF0A000000000042	5G LTE module , M.2 RM520NGLAA-M20-SGASA, Worldwide
MF0A000000000066	5G LTE module M.2 RM500UCNVAA-D10-SNADA EMEA, Asia-Pacific
MF0A000000000036	4G LTE module , M.2 EM05CEFC-128-SGAS, China
82UPS000000000002	UPS module

▶ Product Interfaces



▶ Packing List

Part Number	Description	Quantity
-	P215-2G Series Panel PC	1
MC0A000000000019	Accessory Kit for Fixed Hook	1
ZM0A000000000020	Three-plug power cord	1
ZM0A000000000028	24V 2.5A power adapter with 4-pin terminal	1