

P215-2F Series

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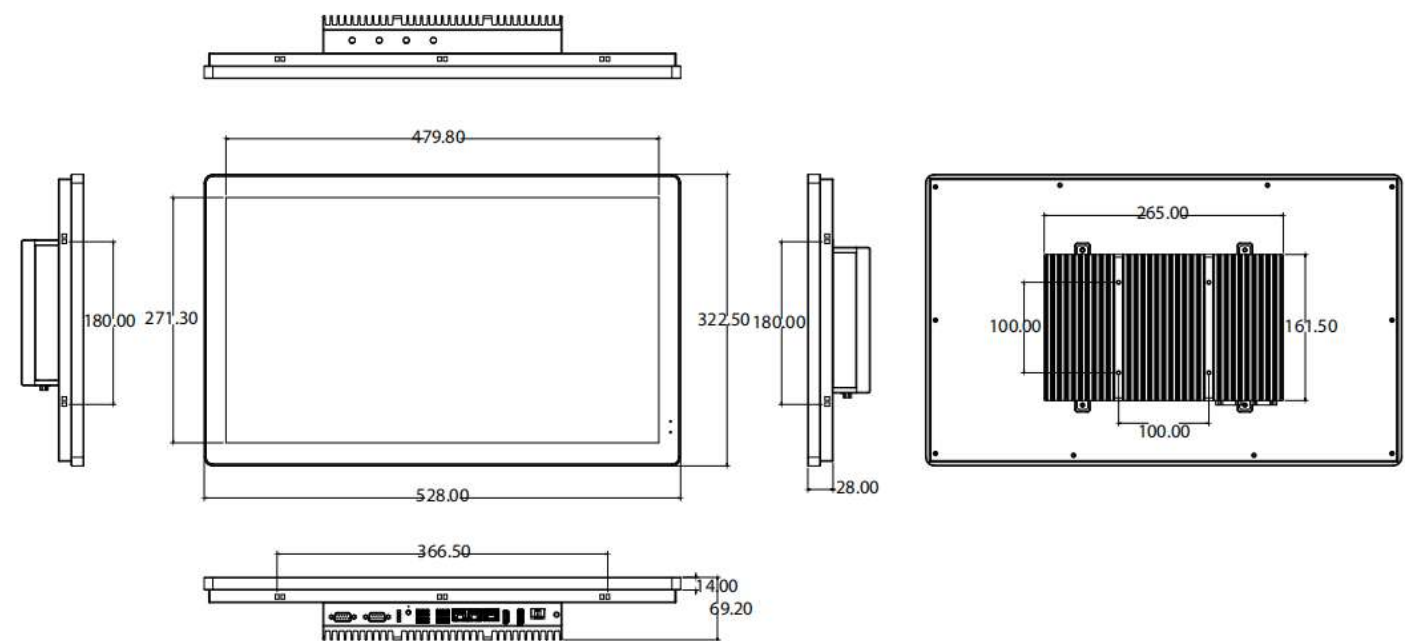
► Product Features

- 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® Atom® J6412
- Dual channel DDR4 up to 64GB memory
- Supports 4G/5G, Wi-Fi module extension
- DP/HDMI,3 LAN (2 x Intel i210 optional supports PoE, 1 x Intel i226)
- 2 USB 3.0, 2 USB 2.0
- 1 x RS-232/422/485, 1 x RS-232
- 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

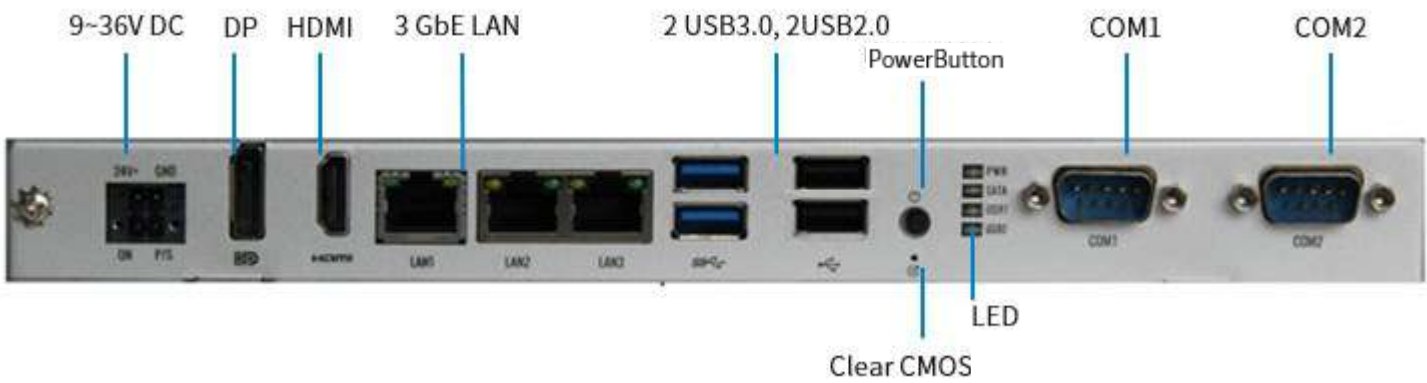
► Technical Specifications

P215-2F			
CPU	CPU	J6412	
	TDP	12W	
	BIOS	AMI 128Mbit SPI Flash	
	Technology	Dual channel DDR4 SO-DIMM	
Memory	Max. Capacity	64 GB	
	Controller	Intel Gen12 UHD Graphics Engines (SoCintegrated)	
Graphics	Feature	DX12, OGL4.5, OCL1.2, Vulkan 1.1, MPEG2, H.264, JPEG/MJPEG, H.265(HEVC)	
	Type	FHD (Capacitive)	
LCD	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	
	Contrast ratio	1000:1	
Touch Screen	Capacitive touch	Light Transmission	≥85%
		Touch Type	10 points Projected Capacitive
External I/O	DP/HDMI	1 x DP 1.4, resolution Type uo to 4096 x 2160@60 Hz, 1 x HDMI2.0b Type uo to 4096x2304x24bpp@60Hz	
	Ethernet	2 x Intel i210 GbE LAN (optional PoE), 1 x Intel i219 GbE LAN	
	USB	2 x USB 3.0, 2 x USB 2.0	
	Serial Port	1 x RS-232/422/485, 1 x RS-232	
	Power input interface	4-pin phoenix terminal, Supports remote switch	
Inside I/O	M.2 B-Key	1 x M.2 B-Key 3052Supports4G/5G	
	M.2 E-Key	1 x M.2 E-Key 2230SupportsWi-Fi (Supports PCIe Protocol)	
	M.2 M-Key	1 x M.2 M-Key 2280SupportsSD (SATA)	
	SIM	1 x Nano SIM	
LED & Switch	LEDLED	Power,SATA,User-defined 1, User-defined 2	
	Power Button	1 x Power Button	
	Clear CMOS	1 x Clear CMOS	
Power	Power Input	DC 9 to 36V	
	Type	AT/ATX	
	Max. consumption	30W	
Others	Watchdog	Interrupt, system reset, programmable 1 to 255 min/sec	
	TPM	TPM 2.0 (optional)	
Physical Characteristi cs	Dimension	528.00 x 322.50 x 69.20 mm (LxWxH)	
	Weight	4.5 kg	
	Installation	VESA/ Embedded installation	
Environment	Operating Temperature	0 to 60 °C (32 to 140°F)	
	Storage Temperature	-40° C to 85° C(-40 to 185° F)	
	OperatingHumid ity	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



▶ Product Interfaces



▶ Ordering Information

Model	Dimension	Type	CPU	Maximum frequency	TDP	Core	LAN	COM	USB 3.0	USB 2.0	DP	Power
P215F-2000	21.5"	1920x1080Capacitive Touch Screen	J6412	3.60 GHz	12W	4C	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
MF0A000000000016	5G module , M.2 RM500Q-GL Sub-6 GHz Worldwide (Excluding the US)
MF0A000000000042	5G LTE module , M.2 RM520NGLAA-M20-SGASA, Worldwide 版
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

▶ Packing List

Part Number	Description	Quantity
-	P215-2F Series All-in-One PC	1
MC0A000000000019	All-in-one fixed hook accessories set	1
ZM0A000000000020	Three-plug power cord	1
ZM0A000000000028	Poweradaptor with 4-pin Phoenix terminal	1