



PhanTAM-921

MECHANICAL	
CONSTRUCTION	304 Stainless Steel Chassis (Default) 316 Stainless Steel Chassis (Optional)
MOUNTING	VESA Mount 100x100, Swing ARM (Optional)
DIMENSIONS (mm)	540.4 x 332.4 x 61.5 mm
NET WEIGHT (kg)	7.9 kg
IP RATING	TOTAL IP66 Compliant Front Bezel / IP69K (Optional)
CERTIFICATE	CE / FC CLASS A
ENVIRONMENT	
OPERATING TEMPERATURE	0 ~ 50° C Optional -20 ~ 60° C
STORAGE TEMPERATURE	-30 ~ 70° C
STORAGE HUMIDITY	10 ~ 90 % non-condensing
ORDERING	
PhanTAM-921CP	21.5" FHD IP66/IP69K Stainless Steel panel PC, 11th Gen., 2x SO-DIMM DDR4 SLOTS, 128GB TLC SSD, PCAP touch, 9-36V DC power input adapter
PhanTAM-921CR	21.5" FHD IP66/IP69K Stainless Steel panel PC, 11th Gen., 2x SO-DIMM DDR4 SLOTS, 128GB TLC SSD, RES touch, 9-36V DC power input adapter

MODEL	PhanTAM-921	
SYSTEM		
CPU	Core i3-1115G4E Dual Core, 6MB cache, 2.20 GHz Core i5-1145G7E Quad Core, 8MB cache, 1.50 GHz	
SYSTEM CHIPSET	SoC	
MEMORY	2x 260-pin SO-DIMM up to 64GB DDR4 3200MHz	
OPERATING SYSTEM	Windows 10®	
I/O		
USB	1x M12 8-pin for 2x USB 2.0 Waterproof Cover	
SERIAL/PARALLEL	1x M12 8-pin COM1, RS232/422/485, default RS-232 Waterproof Cover	
LAN	1x M12 8-pin for LAN Waterproof Cover	
POWER CONNECTOR	1x M12 3-pin for DC power cover, 1x power switch on the rear	
ADDITIONAL I/O - max. 2x Option	2x USB 2.0, 1x USB 3.2 Gen. 1, 1x HDMI, 1x LAN, 1x COM, 1x CAN	
STORAGE		
M.2	1x M-Key 2280 (PCIe x4 for SSD)	
EXPANSIONS		
EXPANSION SLOTS	1x Full size mPCIe/msATA (mPCIe as default, select by BIOS) 1x NANO-SIM 1x M.2 E-Key 2230 (PCIe + USB) for Optional WIFI/BT Module	
RFID MODULE	RFID module design on the front side (Option)	
DISPLAY		
DISPLAY TYPE	21.5" TFT-LCD 16:9	
MAX RESOLUTION	1920 x 1080	
MAX COLOR	16.7M	
BRIGHTNESS (cd/m²)	250	1000
VIEW ANGLE (H°/V°)	178x178	178x178
BACKLIGHT LIFETIME (hrs)	50000	
CONTRAST	1000:1	3000:1
TOUCHSCREEN		
TYPE	Resistive Zero Bezel (R) Projected Capacitive (P)	
INTERFACE	USB	
LIGHT TRANSMISSION	Resistive: 80 Capacitive: 90	
POWER		
POWER INPUT	9 ~ 36V DC	
POWER CONSUMPTION	34W (P)	

