



SS
304

VESA

Flat Bezel



STAINLESS STEEL PC

MECHANICAL	
CONSTRUCTION	304 Stainless Steel Chassis (Default) 316 Stainless Steel Chassis (Optional)
MOUNTING	VESA Mount 100x100, Swing ARM / Floor Stand (Optional)
DIMENSIONS (mm)	404.4 x 225.4 x 64.9 mm
NET WEIGHT (kg)	5 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-816P	15.6" WXGA IP66/IP69K Stainless Steel panel PC, J6412, 1x SO-DIMM DDR4 SLOTS, 400/500nits, 128GB TLC SSD, PCAP touch, 9-36V DC power input adapter
PhanTAM-816PH	15.6" WXGA IP66/IP69K Stainless Steel panel PC, J6412, 1x SO-DIMM DDR4 SLOTS, 1000nits, 128GB TLC SSD, RES touch, 9-36V DC power input adapter

MODEL	PhanTAM-816B				
SYSTEM					
CPU	Intel® Celeron® J6412 2.20 GHz				
SYSTEM CHIPSET	SoC				
MEMORY	1x 260-pin SO-DIMM up to 32GB DDR4 3200MHz				
OPERATING SYSTEM	Windows 10/11® IoT/Professional				
TPM	TPM 2.0				
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				
STORAGE					
M.2	1x M.2 B-Key 2242/2280 for SSD (SATA3)				
EXPANSIONS					
EXPANSION SLOTS	1x Full size mini PCIe slot for 4G/5G				
	1x Micro SIM slot				
	1x M.2 E-Key 2230 for Optional WIFI/BT Module				
RFID MODULE	RFID module design on the front side (Option)				
DISPLAY		STANDARD		OPTIONAL HIGH BRIGHTNESS	
DISPLAY TYPE	15.6" TFT-LCD 16:9				
MAX RESOLUTION	1366x768	1920x1080 (F)	1366x768	1920x1080 (F)	
MAX COLOR	16.7M				
BRIGHTNESS (cd/m²)	400	500	1000		
VIEW ANGLE (H°/V°)	170x160	178x178	160x160	170x170	
BACKLIGHT LIFETIME (hrs)	50000				
CONTRAST	500:1	1000:1	500:1	1000:1	
TOUCHSCREEN					
TYPE	Projected Capacitive (P)				
INTERFACE	USB				
LIGHT TRANSMISSION	Projected Capacitive: 90%				
POWER					
POWER INPUT	9 ~ 36V DC				
POWER CONSUMPTION	35W (P)				

