

TPC17-16

Industrial Panel PC



PC Specs

CPU:	13th Generation Intel® Core™ i7/i5/i3/U-series Processor SoC	O/S:	Win11 IoT / Win11 Pro / Ubuntu
Bios:	UEFI	USB Interface:	3 x USB 3.2 Gen2 1 x USB Type-C (USB 3.2 Gen 2) (support DP 1.4a display out)
Memory:	DDR5 4800, Dual-Channel SO-DIMM, max. 64GB	Security:	TPM 2.0 (Optional)
Storage:	1 x SATA 6Gb/s	Serial Port:	2 x RS-232/422/485, 9-way D-type
Expansion slots:	1 x M.2 2280 M-Key (PCIe 4.0 [x4] x1) 1 x M.2 2230 E-Key (PCIe 3.0 [x1] + USB2.0) 1 x M.2 3052/3042/2242 B-Key (PCIe 3.0)	Second Display:	HDMI, up to 8Kx4K@60Hz or 4Kx2K@120Hz
Ethernet:	1 x Intel® 2.5 Gigabit LAN 1 x Intel® 1.0 Gigabit LAN	Third Display:	DisplayPort 1.4, up to 7680 x 4320 @60Hz 30bpp (supports DP++)
		Optional Wi-Fi:	Single / Dual-band Wi-Fi, 1 or 2 x Antenna

Display

Screen Diagonal:	17.0" (432mm) Aspect Ratio 5:4
Resolution:	SXGA 1280 x 1024 @ 60Hz (Native)*
Pixel Pitch:	0.264mm x 0.264mm
Display Area:	337.920mm (H) x 270.336mm (V)
Viewing Angles:	160° (Left/Right) / 60° (Up) / 80° (Down)
Brightness:	350 cd/m ²
Contrast Ratio:	800:1
Response Time:	30ms
Colours:	16.7M [True 8 bits]

Touchscreen Options	
With Touchscreen:	Projected Capacitive, 10-point Multitouch / Surface Capacitive, 10-point Multitouch / 5-wire Resistive
Without Touchscreen	Anti-Glare PolyCarb Screen Overlay
Power / Environment	
Power Supply:	90-265V AC IEC mains input 12V/24V/48V DC Input (Optional)
Power Consumption:	TBC
Power Settings:	AT: Directly PWR On as power input is ready ATX: Press Button to PWR On after power input ready
Operating Temperature :	0°C to +60°C
Storage Temperature:	-20°C to + 85°C
Humidity:	8% to 90% Relative Humidity, non-condensing
Physical Attributes	
Dimensions / Weight:	PM/RM: 9kg MC: 7kg Chassis: 5kg [approx.] (For accurate dimensions please contact Sales@nemacom.co.uk)
Housing Material:	Standard: Treated Steel - Black Textured Paint finish Options: 304/316 Stainless steel Bespoke paint Custom sizes Custom specs.
IP Sealing:	Viewable Side Sealed to IP66
Options and Extras	
Applications:	Automation Food Processing Manufacturing Pharmaceutical Process Control Advertising Digital Signage Marine
AV Accessories:	Nemacom Ltd are an authorised reseller of high quality Kramer products including, Computer Graphics Video Distribution Amplifiers, Video Switchers, Routers and Cables
Certifications	
Safety & Approvals:	UKCA
Installation	
Mounting Options:	Panelmount 8U Rackmount Metal Cased Chassis/Open Frame
Warranty & Support	
Warranty:	5 years return to Nemacom
Support:	Full UK Product Lifetime Support



* A full list of supported video standards is available on request.

** Approx. reading, contact Nemacom Ltd for an accurate figure based on a particular configuration.

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