

TPC55-13

Industrial Panel PC



PC Specs			
CPU:	Intel® Elkhart Lake SoC Processor, J6412, max.speed up to 2.6GHz, Quad-Core, 10W	O/S:	Win11 IoT Enterprise / Win11 Pro
Bios:	AMI SPI 256 Mbit	USB Interface:	1 x USB 3.2 Gen2, 2 x USB 2.0
Memory:	2 x SO-DIMM, DDR4 3200MHz, up to 32GB	Security:	TPM 2.0 onboard IC
Storage:	1 x M.2 (Key M) with PCIe x1 for SSD 1 x SATA3 (6Gb/s)	Serial Port:	1 x RS-232 Port [9-pin D-Sub]
Expansion slots:	1 x M.2 (Key B, 3042/3052) with PCIe x1/USB 3.2 and USB 2.0 and SIM for 4G/5G 1 x M.2 (Key E, 2230) with PCIe x1 and USB 2.0 for Wireless	Ethernet:	2 x Intel® 10/100/1000/2500Mbps LAN
		Second Display:	VGA D-type max. res. up to 1920 x 1200
		Third Display:	HDMI 2.0b max. res. up to 4096 x 2160 @60Hz
		Optional Wi-Fi:	Single / Dual-band Wi-Fi, 1 or 2 x Antenna
		SIM:	1 x SIM Socket connected to M.2 Key B

Display	
Screen Diagonal:	54.6" (1386.84mm) Aspect Ratio 16:9
Resolution:	1920 x 1080 @ 60Hz (Native)*
Pixel Pitch:	0.63mm x 0.63mm
Display Area:	1209.6mm (H) x 680.4mm (V)
Viewing Angles:	178° (H) / 178° (V)
Brightness:	700 cd/m ²
Contrast Ratio:	4000:1
Response Time:	6.5ms
Colours:	1073.7M 10 bit (8-bit+FRC)

Touchscreen Options

With Touchscreen:	PCAP Touchscreen
Without Touchscreen	Anti-Glare PolyCarb Screen Overlay

Power / Environment

Power Supply:	90-265V AC IEC mains input 24V/48V DC Input, Phoenix connector (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 +50°C
Storage Temperature:	-20°C to + 60°C

Physical Attributes

Dimensions / Weight:	PM: 50kg MC: 48kg Chassis: 45kg [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 Specifications
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
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Installation

Mounting Options:	Panelmount Metal Cased (VESA mount) Chassis/Open Frame
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Warranty & Support

Warranty:	3 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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