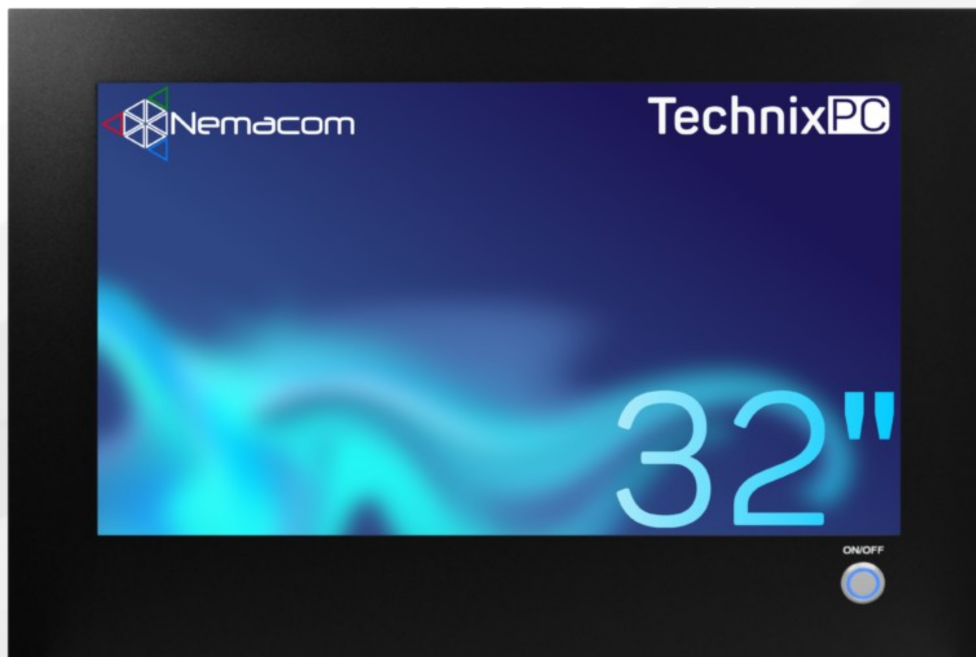


TPC32-13

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:	31.5" (800.1mm) 16:9 Aspect Ratio
Resolution:	Full-HD 1920 x 1080, 60Hz native*
Pixel Pitch:	0.3637mm x 0.3637mm
Display Area:	689.4mm (H) x 392.85mm (V)
Viewing Angles:	178° (H) / 178° (V)
Brightness:	500 cd/m ²
Contrast Ratio:	3000:1
Response Time:	8ms
Colours:	16.7M [True 8 bits]

Touchscreen Options	
With Touchscreen:	Zytronic Projected Capacitive, 10-Point Multi-Touch
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:	60 Watts**
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 - 50°C
Storage Temperature:	-20°C to +60°C
Humidity:	5% to 90% Relative Humidity, non-condensing
Physical Attributes	
Dimensions / Weight:	PM: 17kg MC: 16kg Chassis: 14kg [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
Installation	
Mounting Options:	Panelmount 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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