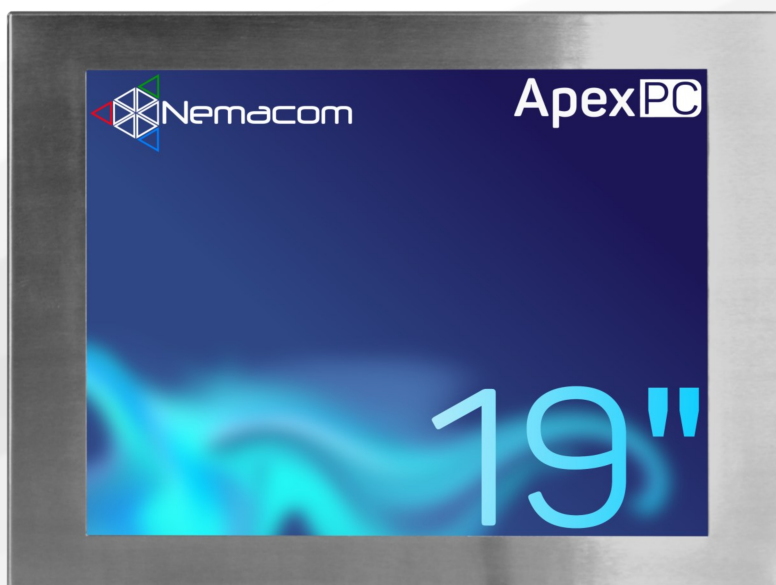


APC19-13

Waterproof 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	Security:	TPM 2.0 onboard IC
Memory:	2 x SO-DIMM, DDR4 3200MHz, up to 32GB	I/O Connectors:	3 x USB (IP66 M12 conn.)
Storage:	1 x M.2 (Key M) with PCIe x1 for SSD 1 x SATA3 (6Gb/s)	(Standard)	1 x GigaBit LAN (IP66 M12 conn.) 1 x VGA out (15-way D-type, IP66)
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	I/O Connectors:	4 x USB (up to)
		(Optional)	2 x Serial RS232/422/485 2 x GigaBit LAN
		Second Display:	VGA D-type max. res. up to 1920 x 1200
		Optional Wi-Fi:	Single / Dual-band Wi-Fi, 1 or 2 x Antenna

Display

Screen Diagonal:	19.0" (482.6mm) Aspect Ratio 5:4
Resolution:	SXGA 1280 x 1024 @ 60Hz (Native)*
Pixel Pitch:	0.294mm x 0.294mm
Display Area:	376.32mm(H) x 301.06mm(V)
Viewing Angles:	178°(Left/Right) / 178°(Up/Down)
Brightness:	350 cd/m ²
Contrast Ratio:	2000:1
Response Time:	20ms
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 Input (IP66 M12 conn.)
12V/24V/48V DC Input (IP66 M12 conn.) (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 : -15°C to +70°C

Storage Temperature: -20°C to + 70°C

Humidity: 8% to 90% Relative Humidity, non-condensing (with breathable vent)

Physical Attributes

Dimensions / Weight: 10kg (approx.)
(For accurate dimensions please contact Sales@nemacom.co.uk)

Housing Material: Standard: Mild steel - RAL 9005 Black textured paint finish
Options: 304/316 Stainless steel | Bespoke paint | Custom sizes | Custom specs.

IP Sealing: 6-Sides sealed to IP66 with Industry Standard M12 Connectors and D-Type Connectors

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: 100mm x 100mm VESA Mounting on rear

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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