APC17-13
Waterproof Panel PC



PC Specs

CPU:	Intel® Elkhart Lake SoC Processor, J6412, max.speed up to 2.6GHz, Quad-Core, 10W
Bios:	AMI SPI 256 Mbit
Memory:	2 x SO-DIMM, DDR4 3200MHz, up to 32GB
Storage:	1 x M.2 (Key M) with PCIe x1 for SSD 1 x SATA3 (6Gb/s)
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
SIM:	1 x SIM Socket connected to M.2 Key B

O/S:	Win11 IoT Enterprise / Win11 Pro
Security:	TPM 2.0 onboard IC
I/O Connectors:	3 x USB (IP66 M12 conn.)
(Standard)	1 x GigaBit LAN (IP66 M12 conn.)
	1 x VGA out (15-way D-type, IP66)
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:	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° (H) / 60° (Up) / 80° (Down)
Brightness:	350 cd/m²
Contrast Ratio:	800:1
Response Time:	30ms
Colours:	16.7M [True 8 bits]

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Touchscreen Options	
With Touchscreen:	Projected Capacitive, 10-point Multitouch | Surface Capacitive , 10-point Multi-touch | 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 :	-20°C to +70°C
Storage Temperature:	-20°C to + 85°C
Humidity:	8% to 90% Relative Humidity, non-condensing Breathable Air Vent for Equalising Pressure & Reducing Condensation

Physical Attributes	
Dimensions / Weight:	8kg *(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:	6-Sides sealed to IP66 with Industry Standard M12 Connectors and D-Type Connectors

Options and Extras	
Applications:	Automation | Food Processing | Oil & Gas Industry | Pharmaceutical | Advertising | 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

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* 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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