

PIKE 21W PRO

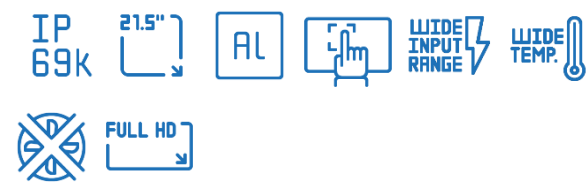
INDUSTRIAL ALL IN ONE PC

Fanless 21.5" PC, Intel Core i5-1235U, 16GB RAM, 512GB SSD

- Full device IP69K
- Aluminum Alloy Shell
- Projected Capacitive Touchscreen
- Stand/Wall/VESA Mounting
- 1x HDMI
- 2x LAN (SP13 Waterproof RJ45 Connector)
- 2x USB 2.0 (SP13 Waterproof Connector)
- 1x COM (SP13 Waterproof Connector)
- 60W Power supply



Properties



Certificates



Technical data

PIKE 21W PRO

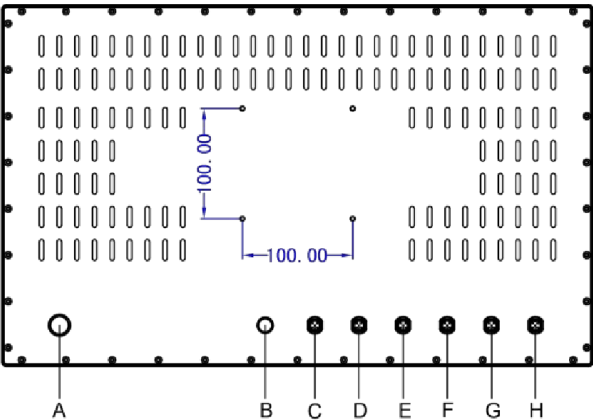
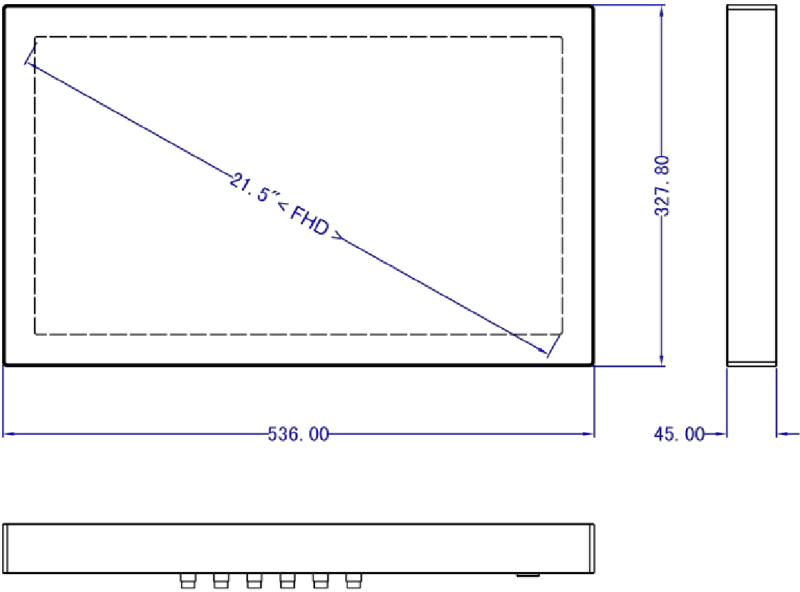
System	CPU	Intel Core i5-1235U
	Frequency	1.30 GHz, up to 4.40 GHz
	Total Cores	10 (# of Performance-cores – 2, # of Efficient-cores – 8)
	Total Threads	12
	Cache	12 MB

Elmark Automatyka reserves the right to change the configuration without warning.

Physical Characteristics	Memory	1 × DDR5 16GB industrial grade
	Storage	512GB M.2 2280 SSD industrial grade
	Network (LAN)	2 x SPI3 Waterproof Giga LAN RJ45 Connector (Intel 226-V GbE LAN)
	I/O	1 x HDMI 2 x SPI3 Waterproof Connector For USB 2.0 1 x SPI3 Waterproof Connector For COM (RS-232/422/485)
	Expansion	1 x M.2 (Key-E, 2230, PCIe+USB, Wifi+BT) 1 x M.2 (Key-B, 3042/3052, PCIe/ USB 3.0+USB2.0, 4G/5G) 1 x M.2 (Key-M, 2280, NVMe/ SATA, SSD) 1 x SIM Socket
	Dimensions	536 x 328 x 45 mm (W x H x D)
	Weight	8.4 kg
	Input Voltage	9V~36V DC
	Windows	Windows 11 IoT LTSC, Windows 10 IoT LTSC, Windows 11 PRO OEM
	Display Type	21.5" (16:9)
	Resolution	1920 x 1080 (FHD)
	Viewing Angle	89 / 89 / 89 / 89 (CR≥10) (L / R / U / D)
	Luminance (cd/m2)	400
	Contrast Ratio	1000
	Backlight Lifetime	50,000 hr (min.)
Touchscreen	Touch Type	10 point PCAP
	Durability (Touches)	Surface Hardness ≥7H
	Operating Temperature	-20~70°C
Environment	Relative Humidity	5%~95%@40°C, non-condensing
	Vibration	1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
	EMC	CE, FCC, Class A, ROHS

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Dimensions [mm]



I / O Definition:

Product Dimensions: 536 x 327.8 x 45 mm (21.1 x 12.9 x 1.77 in)

Packing list

ELMATIC PIKE Unit
Power cable (type E/F)
2 x SPI3 Waterproof USB Cable 2M
1 x SPI3 Waterproof COM Cable 2M
2 x SPI3 Waterproof LAN Cable 2M
Power supply
CE Declaration

Ordering information

Part Numer	Description
ELMATIC PIKE 21W PRO	IPC, 21.5", i5-1235U, 16GB, 512GB

Optional Operating System

Part Numer	Description
SOFT-WIN11-PRO64PL	MS Windows 11 Professional 64-bit PL OEM
SOFT-WIN11-PRO64EN	MS Windows 11 Professional 64bit ENG OEM
SOFT-W10IoT-2021-Val	Windows 10 IoT Ent 2021 LTSC Value
SOFT-W11IoT-2024-Val	Windows 11 IoT Ent 2024 LTSC Value

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