

DELTA 315SW ADL

PANEL PC

Fanless 15.6" Panel PC, Intel Alder Lake N97, 8GB RAM, 256GB SSD, Windows 11 IoT

- Die cast aluminum alloy enclosure
- Projected Capacitive Touchscreen
- IP66-rated front panel
- 2x 2.5 GbE LAN
- 2x RS-232/422/485
- 1x USB 2.0, 3x USB 3.2
- 1x DisplayPort
- 1x Line-out



Properties



Certificates



Technical data

ELMATIC DELTA 315SW ADL

System	CPU	Intel Alder lake N 97
	Frequency	2.0 GHz upto 3.6GHz with Turbo
	Total Cores	4
	Cache	6 MB
	Memory	1 x SODDR5 8GB industrial grade
	Storage	256GB M.2 2280 SSD NVMe industrial grade
	Network (LAN)	2 x 10/100/1000/2500 Mbps Ethernet (Intel I226 LM)

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

Physical Characteristics	I/O	2 x RS-232/422/485 3 x USB 3.2 1 x USB2.0 1 x DP 1 x Line out
	Expansion	1 x M.2 B key 2242 or 3042/3052 (SATA, PCIe x1, USB 3.0 & SIM slot) 1 x M.2 E Key 2230 (PCIe & USB 2.0) 1 x PCI or PCIe x1 (optional)**
	Dimensions	395.7 x 245.1 x 50.4 mm Panel Cutout Dimensions: 386.8 x 236.2 mm
	Weight	6.67 kg
	Enclosure	Die cast aluminum alloy enclosure
Power Consumption	Input Voltage	24VDC $\pm$ 20%
OS Support	Windows	Windows II IoT LTSC
	Display Type	15.6" FHD TFT LED LCD
	Max. Resolution	1920 x 1080
LCD	Viewing Angle	89 (left), 89 (right), 89 (up), 89 (down)
	Luminance (cd/m ²)	350
	Contrast Ratio	800
	Backlight Lifetime	50,000 hr (min.)
	Touch Type	Multi-touch projected capacitive
Touchscreen	Light Transmission	>86%
	Controller	USB interface
	Operating Temperature	-10 ~ 50 °C
Environment	Storage Temperature	-20 ~ 60 °C
	Relative Humidity	95% @ 40 °C (Non-Condensing)
	Shock	Operating 10 G Peak Acceleration (11 ms Duration), Follows IEC 60068-2-27
	Vibration	Operating Random Vibration Test 5-500Hz, 2Grms @with SSD, Follows IEC 60068-2-64
	EMC	CE,FCC Class B, BSMI, EN60601-1-2, UKCA
	Safety	CB, UL, CCC, UKCA
	Front Panel Protection	IP66 compliant

**PCIe riser card supports PCIe x1 singal, but the slot is PCIe x4(Pcie x1 compatible).

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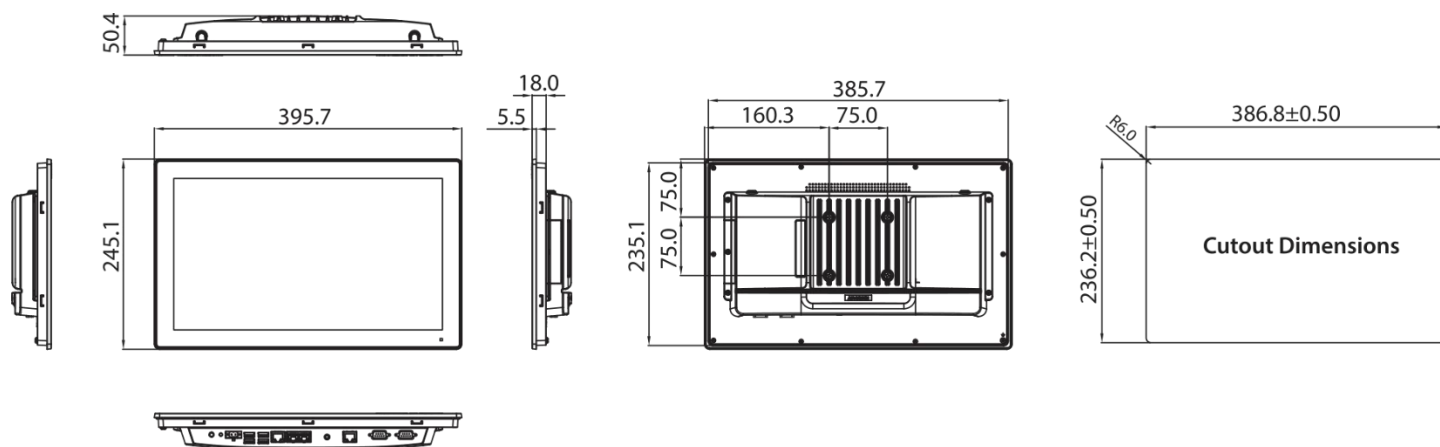
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TAX ID: 5252072585, KRS: 0000803828, Sqd Rejonowy dla M.St. W-wy, XIII Wydział Gosp. KRS, Share capital 625.000 zł, fully paid-up.

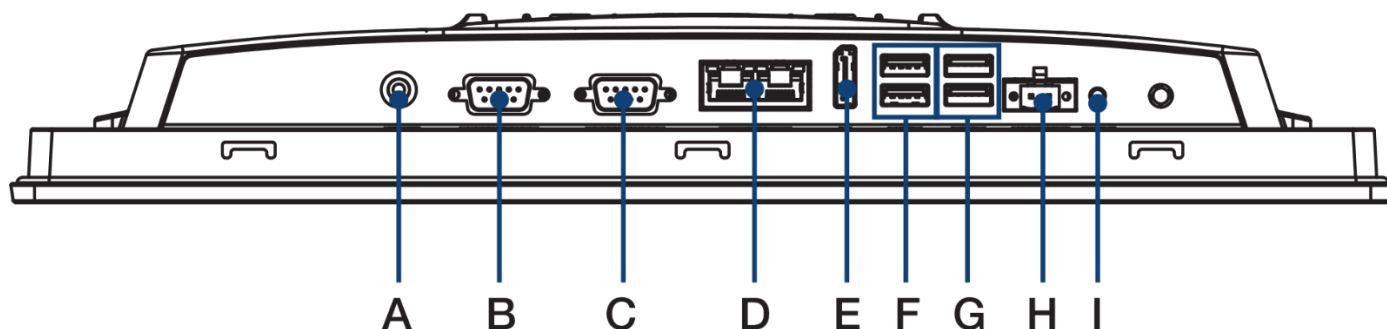
Dimensions [mm]



Panel Cutout Dimensions: 386.8 x 236.2 mm (15.23 x 9.30 in)

Inputs/Outputs

I/O View



A. Line out

B. COM1: RS-232/422/485

C. COM2: RS-232/422/485

D. 2 x LAN

E. DP

F. 2 x USB 3.2

G. 2 x USB 2.0

H. DC-In

I. Power Button

Packing list

Part Number	Description
ELMATIC DELTA 315SW ADL Unit	ELMATIC DELTA 315SW ADL PanelPC, 15,6" FHD, N97, 8GB, 256GB, Win11IoT, PCT
Power cable (type E/F)	
Windows license	
CE Declaration	

Ordering information

Accessories

Part Number	Description
FSP096-AHAN3	Desktop PSU
PPC-ARM-A03	ARM VESA Standard
PPC-174T-WL-MTE	Wall mount kit
PPC-Stand-A1E	Stand for ELMATIC DELTA 315SW ADL

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