

# POC-465AWP

## IP65 waterproof computer with Intel® Elkhart Lake Atom® CPU and isolated COM ports

### Features

- Intel® Elkhart Lake Atom® x6425E quad-core CPU
- 2x 2.5 GbE Ethernet ports via M12 X-coded connectors
- 1x isolated RS-232 and 1x isolated RS-422/485 via M12 A-coded connectors
- 2x USB 2.0 ports via M12 A-coded connectors
- 1x VGA port via M12 A-coded connector
- IP65-rated waterproof and dustproof design
- Rugged fanless operation (-25°C to 70°C)

### System

<b>CPU</b>	Intel® Elkhart Lake Atom® x6425E quad-core 2.0GHz/ 3.0GHz 12W processor
<b>Graphics</b>	Integrated Intel® UHD Graphics
<b>RAM</b>	Up to 32GB DDR4-3200 SDRAM by one SODIMM socket
<b>TPM</b>	Supports TPM 2.0 (fTPM/ dTPM)

### I/O Interface

<b>USB</b>	2x USB 2.0 ports via M12 A-coded, 8-pin connector
<b>Ethernet</b>	2x 2.5G Ethernet ports by Intel® I225-IT / I226-IT via M12 X-coded, 8-pin connector
<b>Serial Ports</b>	1x isolated RS-232 port (COM1) 1x isolated RS-422/485 ports (COM2) via M12 A-coded, 8-pin connector
<b>Native Video Port</b>	1x VGA connector, supporting 1920 x 1200 resolution, via M12 A-coded, 17-pin connector

### Internal Expansion bus

<b>M.2</b>	1x M.2 2242/3052 B key socket for 4G/5G module
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### Storage

<b>M.2</b>	1x M.2 2280 M key socket for SATA SSD
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### Mechanical

<b>DC Input</b>	8~35V DC input with ignition power control input via M12 A-coded, 5-pin connector
<b>Dimensions</b>	106 mm (W) x 159.7 mm (D) x 79 mm (H)
<b>Weight</b>	1.45 kg
<b>Operating Temp.</b>	-25°C to 70°C
<b>Storage Temp.</b>	-40°C ~ 85°C
<b>Humidity</b>	10%~90%, non-condensing
<b>Vibration</b>	Operating, MIL-STD-810G, Method 514.6, Category 4
<b>Shock</b>	Operating, MIL-STD-810G, Method 516.6, Procedure I, Table 516.6-II
<b>Certification</b>	CE/FCC Class A, according to EN 55032 & EN 55035

Front

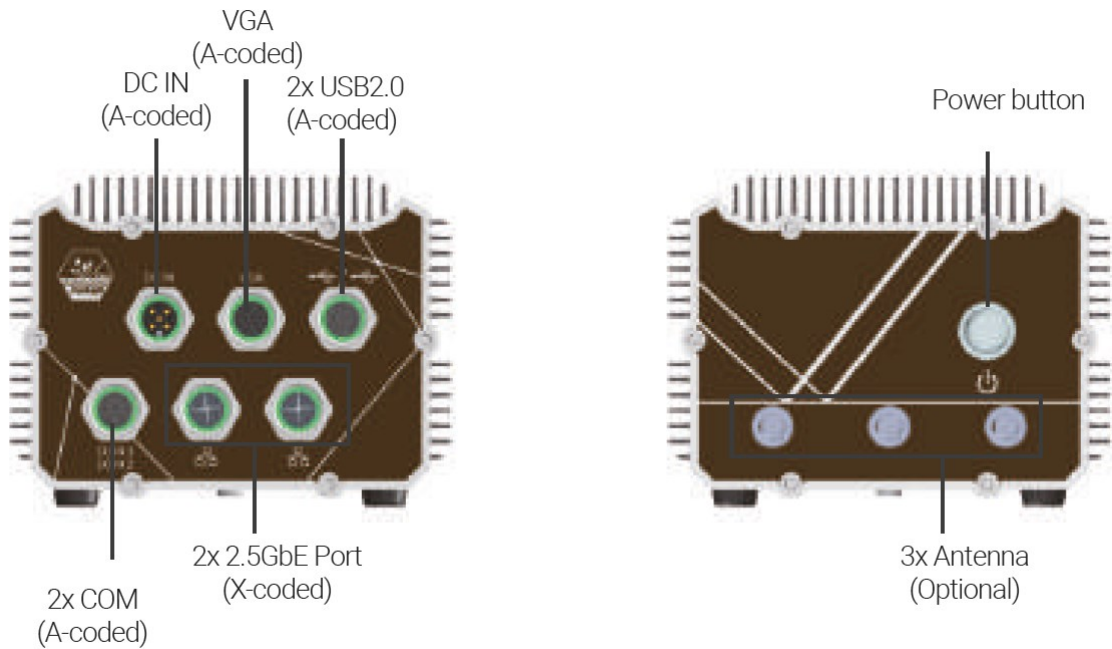


Rear

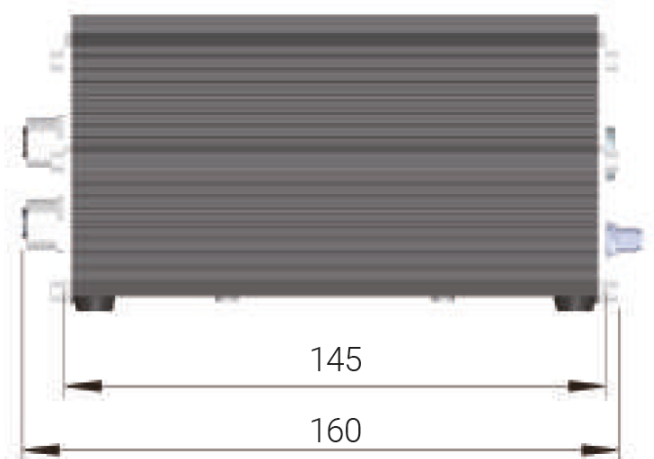
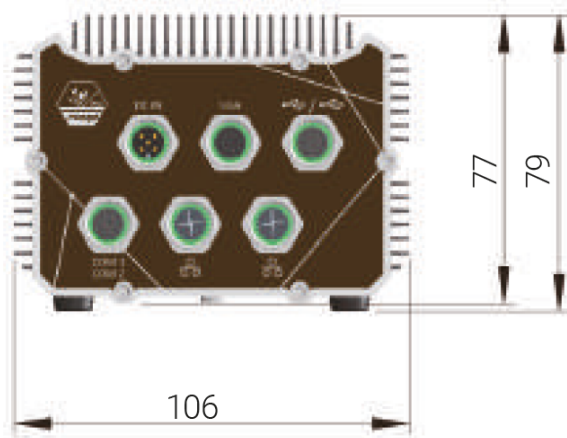


# POC-465AWP

## Apperance



## Dimensions (mm)



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## Ordering Information

**POC-465AWP** IP65 Waterproof Computer with Intel® Atom® x6425E, 2x 2.5GbE and Isolated COM Ports

## Optional Accessories

**PA-60W-OW** 60W AC/DC power adapter with 12V, 5A DC output, cord end terminals for terminal block. Operating temperature : -30 to 60 °C

**M12-Cable-Kit-POC-465AWP** 2x LAN, 1x VGA, 2x USB2.0 (by Y-cable), 2x COM (by Y-cable) and DC power cables

**Wmkit-POC465AWP** Wall-mount assembly for POC-465AWP