

enteliPREM500

Description

enteliPREM500 is an on-premises compact solution for small sites that consists of enteliWEB installed with eW500 license for up to 500 I/O points on an industrial PC with Windows 10 IoT Enterprise.



Features

- ▶ Workflow improvements with pre-installed and licensed enteliWEB, which substantially decreases project engineering time and cost
- ▶ Mounting flexibility with a compact form factor and included DIN rail kit
- ▶ Ease of ordering via our Delta Controls one-stop shop
- ▶ Delta Controls branded hardware
- ▶ Pre-qualified Delta Controls software compatibility stack tuned to system specifications defined in enteliWEB deployment guide

Application

This solution is intended for small sites with up to 500 I/O points.

The unit aims to drastically reduce the setup time, knowledge required, and installation costs for small-to-medium-sized projects by loading the device with a pre-installed copy of enteliWEB and licensing it with eW500 and enteliVIZ.

If archiving solution is required, enteliPREM500+ with enteliVAULT add-on software is also available for purchase.

This is a true plug & play product!

Technical Support

For details regarding technical support, go to:

<https://support.deltacontrols.com/products/eweb-in-a-box>

or email equip@deltacontrols.com

Specifications

System

Processor: Intel® J3455
Processor speed: 1.5 GHz (burst up to 2.3 GHz)
Processor cores: 4
Graphics: Intel® HD Graphics 500
Memory: LPDDR4 8 GB

Front I/O

USB: 2 USB 3.2 ports
Ethernet: 2 Gb LAN ports with Realtek RTL8111H
Video: 2 Mini DisplayPort

Side I/O

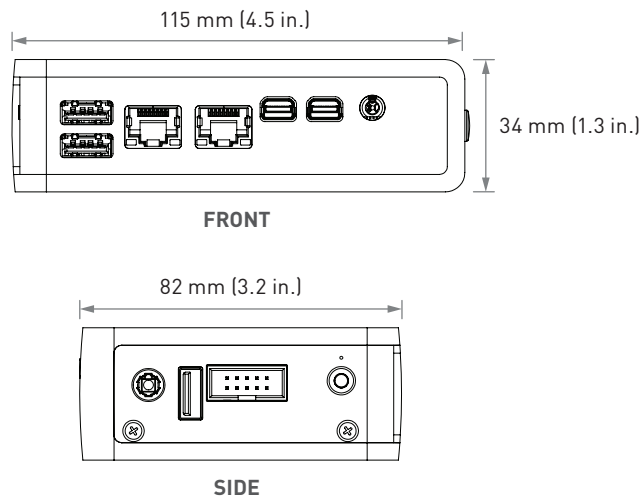
USB: 1 USB 2.0 port
Serial: 1 COM port (RS-232)
Power: 1 DC input jack (12 V)
Other: Power button, power indicator LED, 1 MicroSD card slot

Expansion and Features

1 PCIe mini card (half-height)
MicroSD card
mSATA (shared PCIe mini card slot)
128 GB onboard mSATA storage

enteliPREM500

Layout Diagram



Ordering

Order **enteliPREM500** using the following part number:

920303	Ultra Small Quad Core Fanless Industrial Edge Computer with Windows 10 IoT Enterprise 2019 license included and preloaded enteliWEB with eW500 license (up to 500 I/O) and enteliVIZ eW500-EV add-on software included. Primary Storage 128 GB mSATA SSD, 8 GB Dual Channel Memory, Auto Power On, DIN Rail Mounting Kit, Mini Display Port to HDMI Adapter Cable 1m included.
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Order **enteliPREM500+** using the following part number:

920304	Ultra Small Quad Core Fanless Industrial Edge Computer with Windows 10 IoT Enterprise 2019 license included and preloaded enteliWEB with eW500 license (up to 500 I/O), enteliVIZ eW500-EV and enteliVAULT eW500-VLT add-on software included. Primary Storage 128 GB mSATA SSD, 8 GB Dual Channel Memory, Auto Power On, DIN Rail Mounting Kit, Mini Display Port to HDMI Adapter Cable 1m included.
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For details regarding Delta Controls software, go to:
<https://support.deltacontrols.com/products/EnteliWeb>

Specifications (Continued)

Mounting

DIN mount

Dimensions

115 × 82 × 34 mm (4.5 × 3.2 × 1.3 in.)

Environmental

Operating temperature:
0°C to 40°C (32°F to 104°F)

Enclosure Protection Rating

IP50

Compliance

2002/96/EC (WEEE Directive)
2011/65/EU (RoHS 2 Directive)
Additional safety and EMC certifications pending CB scheme
CE
EN 55024
EN 55032
EN 62368-1
FCC 47 CFR Part 15
IEC 62368-1
UKCA
RoHS 3 (2015/863/EU)

Listings

UL Listed

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Subject to change without notice.