

**Industrial  
Equipment  
Manufacturing**

# HMI Edge Visualizer

Machine Visualization with Compact Touch Panel PC

Edge  
Solution-Ready  
Package

**ESRP-HMI-TPC1251**  
**ESRP-HMI-TPC1551**



- Provides complete HMI functionality
- Supports 450 PLC communication protocols for excellent connectivity
- Integrated software solution for diverse HMI applications



**WebAccess/HMI**

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**WISE-PaaS**

# Edge Solution-Ready Package

## ESRP-HMI-TPC1551 / ESRP-HMI-TPC1251



### Provides Complete HMI Functionality

Offers diverse functions including event and alarm handling, reporting, operation logging and analysis, as well as parameter setting to enable real-time supervision.



### Supports 450 PLC Communication Protocols for Excellent Connectivity

The provision of solution-oriented objects with built-in functionality, high-end vector symbols, graphics, and support for 450 PLC communication protocols ensures easy development of all HMI applications.



### Integrated Software Solution for Diverse HMI Applications

Onsite/in-field HMI connected to a remote SCADA system via Ethernet enables local machine data to be collected for ERP/MES analysis. This integrated application software solution is suitable for diverse industries and machine applications.

Human Machine Interface	12" Compact Machine Visualizer	15" Compact Machine Visualizer
Part Number	ESRP-HMI-TPC1251	ESRP-HMI-TPC1551
Operating System	Win10 IoT 2019 Enterprise LTSC (64 bit)	Win10 IoT 2019 Enterprise LTSC (64 bit)
Control Software	WebAccess/HMI V2.1 1500 tags	WebAccess/HMI V2.1 1500 tags
Processor	Intel® Atom® E3845 1.91 GHz	Intel® Atom® E3845 1.91 GHz
Memory	4 GB DDR3L SDRAM	4 GB DDR3L SDRAM
Display Size/Type	12" XGA TFT LED LCD panel with resistive touch control	15" XGA TFT LED LCD panel with resistive touch control
Storage	128 GB SSD	128 GB SSD
Expansion Slots	Full-size mini PCIe with mSATA support	Full-size mini PCIe with mSATA support
LAN	2 x 10/100/1000 BASE-T (2 x Intel® I210)	2 x 10/100/1000 BASE-T (2 x Intel® I210)
I/O	2 X RS-232/422/485 1 X USB 3.0 3 X USB 2.0	2 x RS-232/422/485 1 x USB 3.0 3 x USB 2.0
Mount Options	Wall, VESA	Wall, VESA
Dual DC Power Input (Voltage)	24 V <sub>DC</sub> ± 20%	24 V <sub>DC</sub> ± 20%
Operating Temperature	-20 ~ 60 °C (-14 ~ 140 °F)	-20 ~ 60 °C (-14 ~ 140 °F)
Storage Temperature	-30 ~ 75 °C (-22 ~ 167 °F)	-30 ~ 75 °C (-22 ~ 167 °F)
Dimensions (WxDxH)	311.8 x 238 x 55.4 mm (12.28 x 9.37 x 2.18 in)	383.2 x 307.3 x 55.9 mm (15.09 x 12.10 x 2.2 in)
Certification	CE, FCC Class A, CB, UL, CCC, BSMI	CE, FCC Class A, CB, UL, CCC, BSMI

## Ordering Information

ESRP-HMI-TPC1251

12" Compact Touch PC with WebAccess/HMI, 1500 tags, TPC-1251T-E3BE, 4 GB RAM, 128 GB SSD, and Windows 10

ESRP-HMI-TPC1551

15" Compact Touch PC with WebAccess/HMI, 1500 tags, TPC-1551T-E3BE, 4 GB RAM, 128 GB SSD, and Windows 10

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