Industrial Equipment Manufacturing

Edge Solution-Ready Package

HMI Edge Visualizer

Machine Visualization with Compact Touch Panel PC

ESRP-HMI-PPC3151SW
ESRP-HMI-PPC3181SW
ESRP-HMI-PPC3211SW

Edge-SRP
Edge Solution Ready Package

- 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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Edge Solution-Ready Package

ESRP-HMI-PPC3151SW/ESRP-HMI-PPC3181SW/ESRP-HMI-PPC3211SW

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	15.6" Compact Machine Visualizer	18.5" Compact Machine Visualizer	21.5" Compact Machine Visualizer
Part Number	ESRP-HMI-PPC3151SW	ESRP-HMI-PPC3181SW	ESRP-HMI-PPC3211SW
Operating System	Win10 IoT 2016 Enterprise LTSB (64 bit)	Win10 IoT 2016 Enterprise LTSB (64 bit)	Win10 IoT 2016 Enterprise LTSB (64 bit)
Control Software	WebAccess/HMI V2.1 1400 tags	WebAccess/HMI V2.1 1400 tags	WebAccess/HMI V2.1 1400 tags
Processor	6th Gen Intel® Core™ i5-6300U	6th Gen Intel® Core™ i5-6300U	6th Gen Intel® Core™ i5-6300U
Memory	16GB DDR4 RAM	16GB DDR4 RAM	16GB DDR4 RAM
Display Size/Type	15.6"	18.5"	21.5"
Storage	128GB SSD	128GB SSD	128GB SSD
LAN	2 x GbE (Intel® I211-AT, I219LM)	2 x GbE (Intel® I211-AT, I219LM)	2 x GbE (Intel® I211-AT, I219LM)
I/O	1 x RS-232, 1x RS-232/422/485 (by BIOS), 2 x USB 3.0, 2 x USB 2.0, 1 x HDMI, 1 x TPM2.0 (optional module)	1 x RS-232, 1x RS-232/422/485 (by BIOS), 2 x USB 3.0, 2 x USB 2.0, 1 x HDMI, 1 x TPM2.0 (optional module)	1 x RS-232, 1x RS-232/422/485 (by BIOS), 2 x USB 3.0, 2 x USB 2.0, 1 x HDMI, 1 x TPM2.0 (optional module)
Dual DC Power Input (Voltage)	12 ~ 24 VDC	12 ~ 24 VDC	12 ~ 24 VDC
Operating Temperature	0 ~ 50 °C with SSD	0 ~ 50 °C with SSD	0 ~ 50 °C with SSD
Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)	-20 ~ 60°C (-4 ~ 140°F)	-20 ~ 60°C (-4 ~ 140°F)
Dimensions (WxDxH)	419.7 x 269.0 x 62.1 mm	488 x 309 x 61.7 mm	558.4 x 349.8 x 62.2 mm

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Ordering Information

ESRP-HMI-PPC3151SW	15.6" Compact Touch Panel PC with WebAccess/HMI, 1400 tags, ViewerPro, PPC-3151SW-P65A, 16 GB RAM, 128 GB SSD, and Windows 10
ESRP-HMI-PPC3181SW	18.5" Compact Touch Panel PC with WebAccess/HMI, 1400 tags, ViewerPro, PPC-3181SW-P65A, 16 GB RAM, 128 GB SSD, and Windows 10
ESRP-HMI-PPC3211SW	21.5" Compact Touch Panel PC with WebAccess/HMI, 1400 tags, ViewerPro, PPC-3211SW-P65A, 16 GB RAM, 128 GB SSD, and Windows 10

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