Industrial Equipment Manufacturing

Edge Solution-Ready Package

HMI Edge Visualizer

Machine Visualization with Various Display Sizes

Edge-SRP
Edge Solution Ready Package

ESRP-HMI-TPCB200

- Provides complete HMI functionality
- Supports 450 PLC communication protocols for excellent connectivity
- Various display module sizes for diverse visualization applications

WebAccess/HMI

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Edge Solution-Ready Package
ESRP-HMI-TPCB200

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.

Various Display Module Sizes for Diverse Visualization Applications

The innovative modular design allows the computing platforms to be interchangeably combined with displays of varying size to provide ideal platform solutions.

Human Machine Interface	Standalone Machine Visualizer
Part Number	ESRP-HMI-TPCB200
Operating System	Microsoft Windows10 IoT 2016 Enterprise LTSB (64 bit)
Control Software	WebAccess/HMI V2.1, 1500 tags
CPU	Intel® Celeron® J3455, 1.50 GHz
Memory	4 GB DDR3L SDRAM
Display Size/Type	12.1 ~ 21.5" front display panel module with P-CAP multi-touch control (12.1" with 5-wire resistive touch control)
Storage	64 GB M.2 SSD
Expansion Slots	1 x Full-size mini PCIe, supports GSM 11.11 stand SIM cards
LAN	2 x 10/100/1000 BASE-T (Intel® I210)
I/O	2 x RS-232/422/485 2 x USB 3.0 2 x USB 2.0 1 x Audio Line Out 1 x DisplayPort
Mount Options	Stand and wall
Dual DC Power Input (Voltage)	24 V_{DC} ± 20%
Operating Temperature	0 ~ 50 °C (32 ~ 122 °F)
Storage Temperature	-30 ~ 70 °C (-22 ~ 158 °F)
Dimensions (W x D x H)	269 x 203 x 30 mm (10.6 x 8 x 1.2 in)
Certification	CE, FCC Class A, CB, UL, CCC, BSMI, KC, EAC

Ordering Information

Box Computing Modules

ESRP-HMI-TPCB200	Machine visualization solution with WebAccess/HMI, 1500 tags, TPC-B200-J12AE, 4 GB RAM, 64 GB SSD, and Windows 10

Panel Modules

P/N	FPM-D12T-AE	FPM-D15T-AE	FPM-D17T-AE	FPM-D18W-AE	FPM-D21W-AE
Panel Sizes	12.1" XGA	15" XGA	17" SXGA	18.5" HD	21.5" Full HD

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