

KPA Automation Control System Panel

Windows-based control computers for cost-effective automation solutions



KPA Automation Control System is a family of all-in-one products aimed for building cost-effective factory automation solutions. These compact systems, equipped with energy-efficient CPUs and advanced SCADA software, are well suited for complex control tasks while saving extra space and reducing cost of maintenance.

Key Features

- High performance Intel Core i5 CPUs for the most demanding control tasks
- Compact integrated casing for saving space and reducing cost of maintenance.
- Windows 10 LTSC IoT pre-installed
- Advanced software package: HMI with unlimited tags and screens + PLC with unlimited IOs connection
- Native support for EtherCAT industrial networking
- Compatible with third-party PLCs with OPC, Modbus TCP/IP or custom TCP/IP protocols



Hardware specifications

Model	KPAACS Panel	KPAACS Box
CPU	Intel Core i5-4200U Dual-core, 1.6 GHz	Intel Core i5-4460T Quad-core, 1.9 GHz
RAM	8 GB DDR3	
Display controller	Embedded, Intel HD Graphics 4400	Embedded, Intel HD Graphics 4600
Storage	64 GB SSD	
Networking	2 x Intel I211 Ethernet Controller	
Interfaces	1 x RGB (VGA), 1 x HDMI, 2 x USB 2.0, 2 x USB 3.0, 4 x RS-232c	2 x RGB (VGA), 1 x HDMI, 4 x USB 2.0, 2 x USB 3.0, 1 x RS-232c
Display	Integrated 15", 1024 x 768, 4:3, touch panel	External analog and/or digital display supported
Power consumption	Less than 30W	Less than 55W
Power source	24V DC	
Dimensions	335 x 261 x 50 mm	220 x 255 x 70 mm
Case protection	Front side: IP55, back side: IP20	IP20
Working conditions	Temperature: 0..60 °C, Relative humidity 5..85%, non-condensing	

Software bundle

KPA Automation View

KPA Automation View is a powerful HMI solution with designer tools for programming appearance and behavior of every interface control. It provides access to unlimited tags through OPC DA, Modbus TCP/IP or any customized TCP/IP-based protocol. Advanced controls bundle includes basic interface elements, data connections, database access, archiving, reporting and many other.

KPA Automation Control

KPA Automation Control is a solution for building powerful software PLC that complies to IEC 61131-3 standard. Native EtherCAT bus support is provided by comprehensive own-developed Master driver; Profibus and CAN are supported with respective EtherCAT gateways.