

Industrial PCs OPC9000 series Fanless Panel PCs for operation & visualisation

NEW



Industrial Panel PCs **Latest generation of powerful HMI solutions**

The latest generation of ADS-TEC Industrial PCs has been developed from scratch on the basis of our decades of experience and each detail has been optimised. The capacitive touch screen HMIs, which are available in three inch sizes, deliver powerful performance with 8th-generation Intel® Celeron® and Intel® Core™ processors and do not require a fan.



Industrial PCs OPC9000 series

HIGHLIGHTS

- 8th-generation current Intel® processors (Whiskey Lake)
- Passive cooling without fan
- Elegant design in three inch sizes, glass front without a plastic frame
- Fieldbus and real-time Ethernet integration
- Windows 10 IoT Enterprise 2019 LTSC 64 Bit

Strong performance **For stringent requirements**

- Latest 8th-generation Intel® Celeron® 4305UE and Intel® Core™ i5-8365UE processors (Whiskey Lake)
- Memory for demanding applications with up to 32 GB of fast DDR4 RAM
- Up to 512 GB Flash SSD mass storage, optionally configurable as RAID

Extensibility **For individual requirements**

- With the optionally available Hilscher netJACK modules, various fieldbus types can be integrated into the OPC9000 without tools



Easy servicing & quick installation **Convenient and simple**

- Rear service duct access provides fast access to Flash SSD and CMOS battery
- The innovative mounting concept of the OPC9000 series enables easy installation of the device without separate assembly parts
- Due to the specific shape of the mounting elements, the Panel PC is pressed against the installation wall in a linear manner, which ensures optimum security and even distribution of weight on the installation wall

Big-LinX® IIoT Client **Secure connection for servicing**

- VPN tunnel secured via smartcard (optional software certificate also available)
- Includes X-Remote for secure remote desktop connection
- Configurable and secure data push for provision and visualisation of remote maintenance or other big data applications
- Keep software, firmware and BIOS always up-to-date on your devices



Industrial IT

OPC9000 series

Technical Data

		OPC9016	OPC9019	OPC9024
Display	Resolution	15.6" TFT Full HD	18.5" TFT Full HD	23.8" TFT Full HD
	Brightness	450 nits (typ.)	500 nits (typ.)	250 nits (typ.)
	Contrast ratio	800:1 (typ.)	1000:1 (typ.)	1000:1 (typ.)
	Displayable colors	max. 16.2 million	max. 16.7 million	max. 16.7 million
Touch		PCAP multi-touch (can be operated whilst wearing gloves)		
Housing		Die-cast aluminium, powder-coated		
Cooling		Passive cooling, fanless		
Processor		Intel® Celeron® 4305UE 2.0 GHz dual-core Intel® Core™ i5-8365UE 1.6 GHz quad-core		
RAM		Up to 32 GB DDR4 RAM		
Mass storage		1 x 128 GB M.2 SSD		
		1 x 256 GB M.2 SSD		
		2 x 128 GB M.2 SSD, configurable as RAID		
		2 x 256 GB M.2 SSD, configurable as RAID		
Interfaces		4 x USB 3.1 Gen. 2		
		3 x Ethernet (10/100/1000 Mbit/s)		
		1 x DisplayPort++ (1.1)		
		1 x 5-pin supply socket with 2 digital I/Os (1 x IN / 1 x OUT)		
		1 x smartcard reader for ADS-TEC Big-LinX		
Button		1 x capacitive ON/OFF button on the front side (can be deactivated)		
		1 x ON/OFF button on the reverse side		
Optional interfaces¹		1 x Hilscher netJACK slot for fieldbus integration ²		
		2 x antenna sockets for external Wi-Fi		
		1 x HDBaseT™ interface (transmitter)		
Power adapter		24 VDC +/- 20%		
Operating system		Windows 10 IoT Enterprise 2019 LTSC		
Protection class		IP65 (front) / IP20 (back)		
Operating temperature		0 °C to +45 °C	0 °C to +45 °C	0 °C to +45 °C
Dimensions (W x H x D)		392 x 266 x 77 mm	459 x 304 x 77 mm	571 x 367 x 76 mm
Weight		approx. 5.0 kg	approx. 5.8 kg	approx. 8.1 kg

¹ Hilscher netJACK and external Wi-Fi are mutually exclusive

² Profibus, CANopen, DeviceNET, CC-Link, EtherCAT, EtherNet/IP, Modbus, POWERLINK, PROFINET, VARAN, Sercos

