Industrial box PCs – IPC9000 series

Fanless box PC for control cabinet installation

The ADS-TEC industrial PCs with long-term availability for control cabinet installation deliver strong performance without any need for compromises: The sophisticated passive cooling concept does not require a fan and allows the use of powerful 8th-generation Intel® Celeron® and Intel® Core™ processors at the same time.

Industrial Box PCs - IPC9000 Serie

Strong performance

> 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

Easy servicing & quick installation

> Side service duct access provides easy access to Flash SSD and CMOS battery

> With the separate mounting panel the IPC can be clipped in and mounted even in tough built-in environments

Big-LinX® IIoT Client

> 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

Extensibility
With the optionally available Hilscher netJACK modules, various fieldbus types can be integrated into the IPC9000 without tools.

Technical Data

	IPC9000
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++ (1.2) 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 ON/OFF button
Optional interfaces[1]	1 x Hilscher netJACK slot for fieldbus integration[2] 2 x antenna sockets for external Wi-Fi 1 x HDBaseT™ interface (transmitter) 1 x additional DisplayPort ++ (1.2)
Power adapter	24 VDC +/- 20 %
Operating system	Windows 11 IoT Enterprise 2024 LTSC Windows 10 IoT Enterprise 2019 LTSC
Protection class	IP20
Operating temperature	0 °C to +55 °C (using a netJACK module: 0 to +45 ° C)
Dimensions (W x H x D)	75 x 262 x 159 mm
Weight	approx. 1.9 kg

1 Hilscher netJACK and external WLAN are mutually exclusive; HDBaseT and additional DisplayPort are mutually exclusive
2 Profibus, CANopen, DeviceNET, CC-Link, EtherCAT, EtherNet/IP, Modbus, POWERLINK, PROFINET, VARAN, Sercos

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