

# Industrial PCs IPC9000 series Fanless Box PC for control cabinet installation

NEW



## Industrial PCs **Latest-generation powerful Box PC**

The new 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 8<sup>th</sup>-generation Intel® Celeron® and Intel® Core™ processors at the same time.



reddot winner 2020



Industrial PCs IPC9000 series

### Extensibility **For individual requirements**

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



## HIGHLIGHTS

- 8<sup>th</sup>-generation current Intel® processors (Whiskey Lake)
- Passive cooling without fan
- Optional HDBaseT™ module with up to 100 m Transmission of multimedia signals
- Fieldbus and real-time Ethernet integration
- Windows 10 IoT Enterprise 2019 LTSC 64 Bit

### Strong performance **For stringent requirements**

- Latest 8<sup>th</sup>-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 **Convenient and simple**

- 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 **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

**adstec**

Industrial IT

# IPC9000 series

## Technical Data

### IPC9000

<b>Housing</b>	Die-cast aluminium, powder-coated
<b>Cooling</b>	Passive cooling, fanless
<b>Processor</b>	Intel® Celeron® 4305UE 2.0 GHz dual-core Intel® Core™ i5-8365UE 1.6 GHz quad-core
<b>RAM</b>	Up to 32 GB DDR4 RAM
<b>Mass storage</b>	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
<b>Interfaces</b>	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
<b>Button</b>	1 x ON/OFF button
<b>Optional interfaces<sup>1</sup></b>	1 x Hilscher netJACK slot for fieldbus integration <sup>2</sup> 2 x antenna sockets for external Wi-Fi 1 x HDBaseT™ interface (transmitter) 1 x additional DisplayPort ++ (1.2)
<b>Power adapter</b>	24 VDC +/- 20 %
<b>Operating system</b>	Windows 10 IoT Enterprise 2019 LTSC
<b>Protection class</b>	IP20
<b>Operating temperature</b>	0 °C to +55 °C (using a netJACK module: 0 to +45 °C)
<b>Dimensions (W x H x D)</b>	75 x 262 x 159 mm
<b>Weight</b>	approx. 1.9 kg

<sup>1</sup> Hilscher netJACK and external WLAN are mutually exclusive; HDBaseT and additional DisplayPort are mutually exclusive

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

