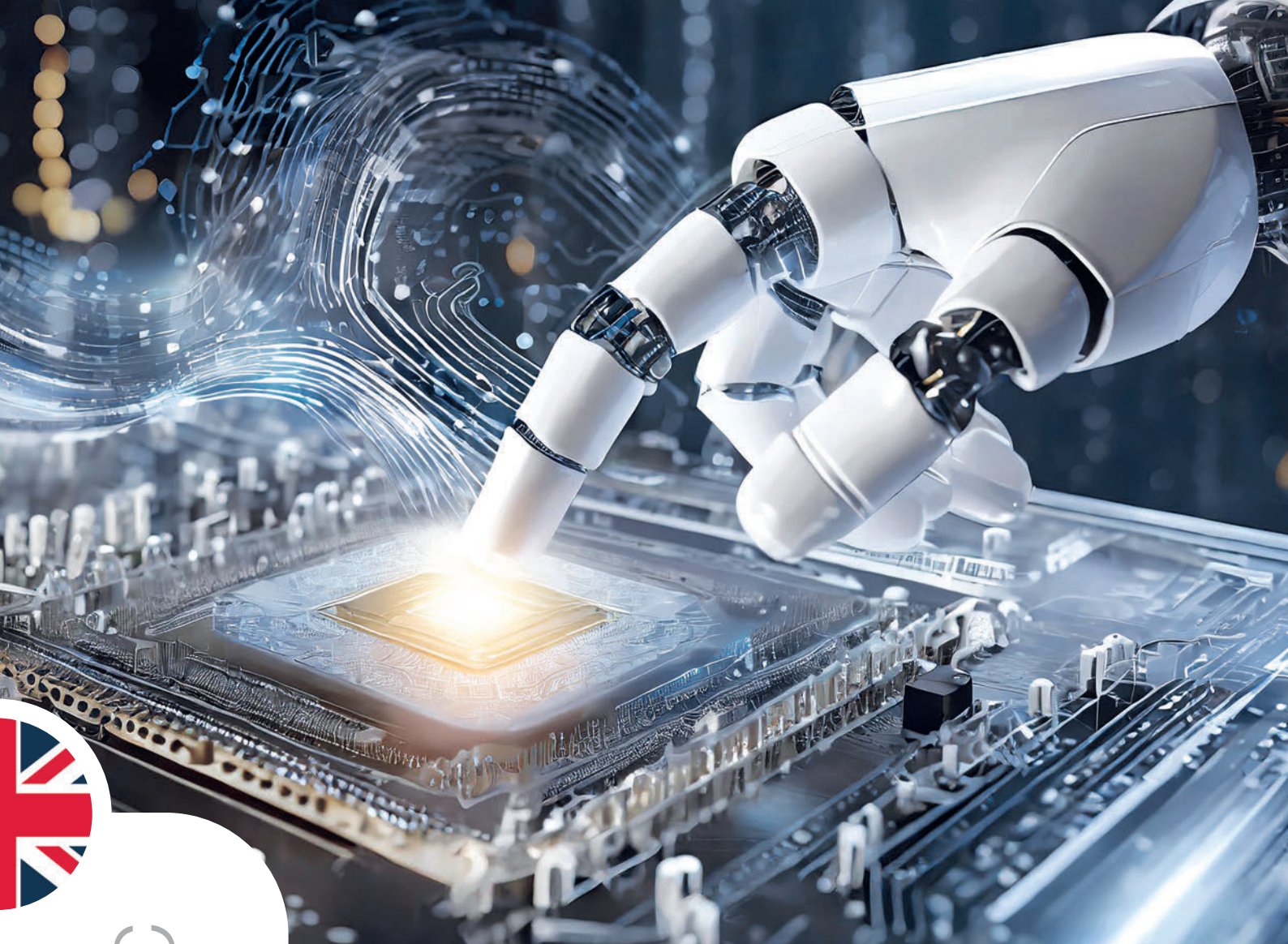




WACHENDORFF IPC

Panel-PC & WebPanel
Box-PC & Displays

Passion for Smart Machines
WACHENDORFF

WACHENDORFF IPC

YOUR partner for industrial communication and visualisation

First-class products developed for (series) use in demanding industrial environments: That is our strength! This brochure provides you with a comprehensive overview of the outstanding features and benefits of our Wachendorff industrial PC.

Our IPC devices always offer the best performance and high reliability at competitive prices and give you a decisive advantage in the market!

Our services - **your** benefits

- ✓ Long-term availability
- ✓ Flexible delivery concept
- ✓ Short delivery times
- ✓ Very good price-performance ratio
- ✓ Top performance and reliability
- ✓ 3 years guarantee

Our IPCs can be specially adapted and customised to your requirements. This gives you enormous advantages over the competition:

- Strong customer loyalty
- Great scalability
- Better pricing options
- High flexibility



Our series tailored to your needs

Series 1 and 2 are available both as either a powerful Panel-PC, a flexible WebPanel, or as a pure display. Our Panel-PCs and Box-PC are also divided into A and B variants with different processor classes. This means you will always find the right product for your individual application.

Series 1

Ultra-slim design, brushed aluminium front

Series 1 offers a comprehensive and simple visualisation solution for a wide range of applications with display sizes from 7" to 23.8". The die-cast aluminium housing is primarily designed for panel mounting. With the very thin front design of only 3 mm and the brushed aluminium frame, this series is a very attractive solution. Customised adaptations for your individual requirements guarantee your success.



- 3 mm flat front frame
- Screen Sizes from 7" to 23.8"
- Embedded seamless front panel
- Various mounting options
- Optional laser engraving of your logo in the frame

Series 2

Minimal display edge, attractive design

Series 2 offers seamless and frameless integration into your machine concept with display sizes from 7" to 21.5". It has been specially developed for demanding industrial applications and has a robust aluminium housing with increased vibration resistance. The almost frameless design with the 7 mm high frame ensures an aesthetically pleasing design with maximum screen size in relation to the housing.



- 7 mm high frame with minimal display edge
- Screen Sizes from 7" to 21.5"
- Maximum screen size
- Developed for demanding industrial applications
- Optional customised screen printlogo

-  IP65 for industrial applications
-  Fanless design, optimum heat dissipation
-  Robust design: strong protection for demanding applications

-  Capacitive, resistive or without touch
-  Extensive interfaces
-  Aluminium housing: Anti-corrosion and anti- shock

Panel-PC Series 1 aesthetic, customisable design

Intel Celeron to Intel Core i7 12th Generation



By integrating the PC and display unit in one housing, you save space and the installation of your IPC solution is greatly simplified. The Series 1 Panel-PC is available with a projected capacitive, resistive or even without a touch display. We rely on fast and robust SSD technology for the hard drive.



7" to 23.8"



Die-cast aluminium housing



Fanless, compact and robust: IP65



-10 °C up to +60 °C



Many interfaces:

Wifi, Bluetooth, GB Ethernet, etc.

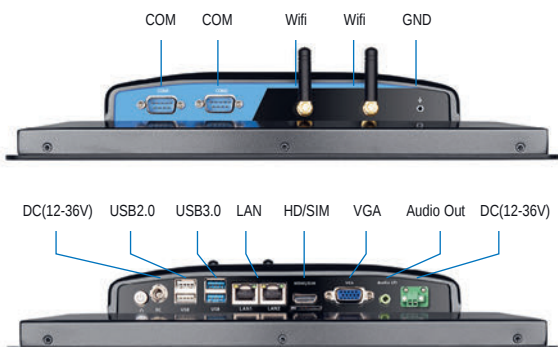
The Panel-PC, the primary user interface and face of your machine or system:

Design and user-friendliness make all the difference!

- Intuitive operation via touchscreen
- Seamless integration into your applications
- 3 mm flat brushed aluminium front panel
- Customisable, e.g. individual logo
- Various mounting options

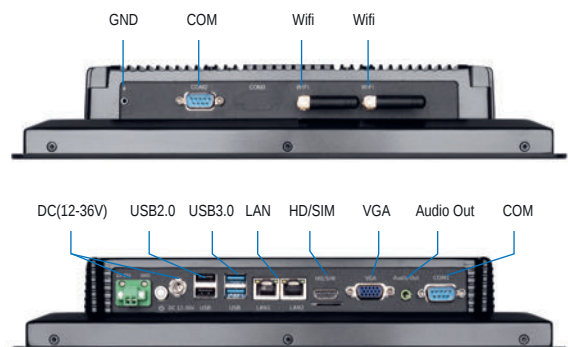
1A Celeron

- Intel Celeron
J6412 Quad-Core
- 4 to 16 GB RAM
- Up to 1 TB SSD



1B Core

- Intel Core i processors
up to 12 gen.
- 4 to 64 GB RAM
- Up to 1 TB SSD

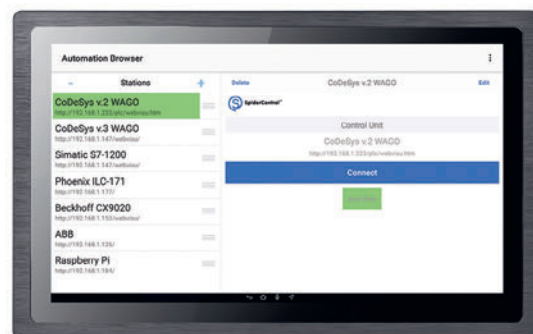


WebPanel Series 1 quick and easy to integrate

HTML5, AutomationBrowser, Android

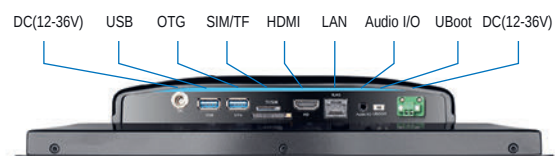
The Wachendorff WebPanel Series 1 offers a brilliant display for machine and plant construction without any delay in image build-up. With IP65 on the front, Wifi, Bluetooth and various display sizes from 7" to 23.8", with the option of a touch screen, they are versatile in use.

Ininet's industry-specific AutomationBrowser gives you the decisive advantage when using kiosk mode.



The optional pre-installed AutomationBrowser on the WebPanel can be used flexibly and offers enormous advantages:

- Compatible with older Java applets
- PLC station lists for navigation
- Single Sign On (SSO)
- Collective alarm
- Cloud connectivity
- Simple PLC logic in the browser



7" to 23.8", with and without touch



HTML5: fast response and image composition



Aluminium housing, IP65, flush-mounted design



Brilliant display, wide reading angle



Always connected: Integrated WiFi, Bluetooth



Versatile and easy to integrate



Panel-PC Series 2 robust solution for your application

Intel Celeron to Intel Core i7 12th Generation



Almost frameless Panel-PCs offer a clear advantage when it comes to aesthetics and saving space. By using them, you offer your customers a seamless user experience, your system looks more sophisticated and you save space. This is a clear advantage, especially for environments with limited space. Thanks to their robust design, they are particularly useful where environmental conditions are important. In addition to the latest operating systems, SSD technology is also used.



7" to 21.5"



Die-cast aluminium housing



Fanless, compact and robust: IP65



-10 °C up to +60 °C



Many interfaces:

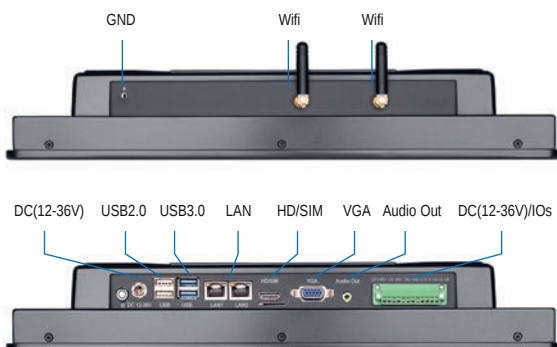
Wifi, GB Eth., COM, etc.

The Panel-PC that connects seamlessly with your machine: A fluid visual experience by presenting your content without distracting frames!

- 7 mm high frame
- Very narrow rim, elegant aesthetics
- Developed for robust industrial applications
- Very large variety of display sizes
- Optional: customer logo can be integrated

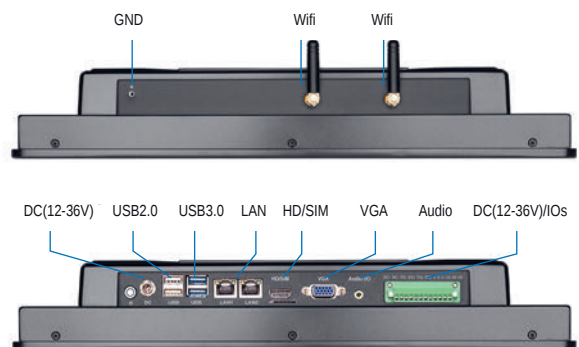
2A Celeron

- Intel Celeron
J6412 Quad-Core
- 4 to 16 GB RAM
- Up to 1 TB SSD



2B Core

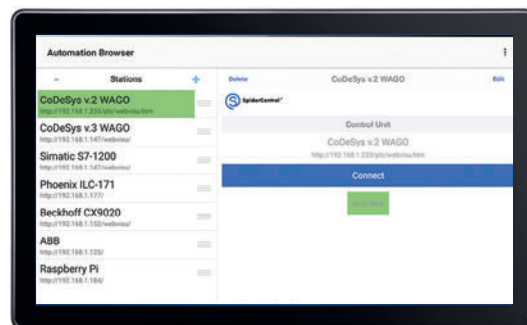
- Intel Core i3 up to
Intel Core i7 12th Gen.
- 4 to 64 GB RAM
- Up to 1 TB SSD



WebPanel Series 2 flexible, seamless integration

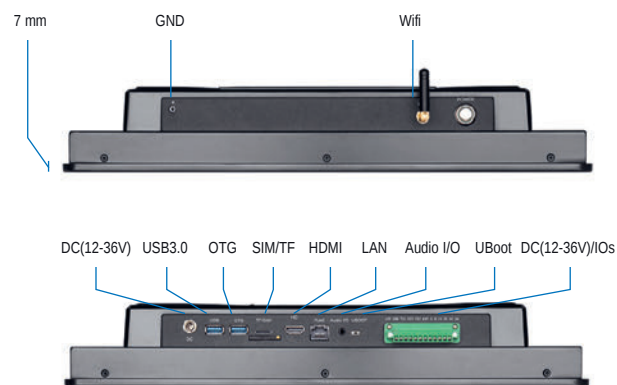
HTML5, AutomationBrowser, Android

A robust WebPanel variant for use in demanding environments with an increased emphasis on aesthetics and maximum saving space. Thanks to the brilliant display and very fast response, the user experience is unbeatable. With IP65, Wifi, Bluetooth and various display sizes from 7" to 21.5", optionally with or without touch, they are versatile in use. Ininet's industry-specific AutomationBrowser gives you the decisive advantage when using kiosk mode.



The optional pre-installed AutomationBrowser on the WebPanel can be used flexibly and offers enormous advantages:

- Compatible with older Java applets
- PLC station lists for navigation
- Single Sign On (SSO)
- Collective alarm
- Cloud connectivity
- Simple PLC logic in the browser,



7" to 21.5", with or without touch



HTML5: fast response and image build-up



Aluminium housing, IP65, flush-mounted design



Brilliant display, wide reading angle



Always connected: Integrated WiFi, Bluetooth, COM



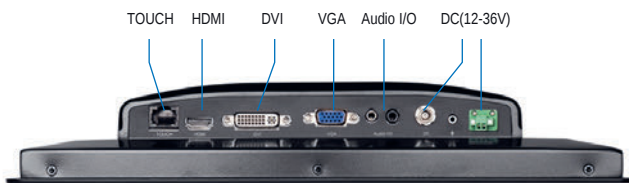
Versatile and easy to integrate



Box-PC & displays individually or as an ideal addition

Display Series 1 from 7" to 23.8"

- 3 mm flat front frame
- Die-cast aluminium housing developed for industry
- Industrial displays with IP65 front
- Brilliant presentation
- Wide reading angle
- Capacitive, resistive or without touch



Box-PC compact, fanless, 24h/7 stable performance

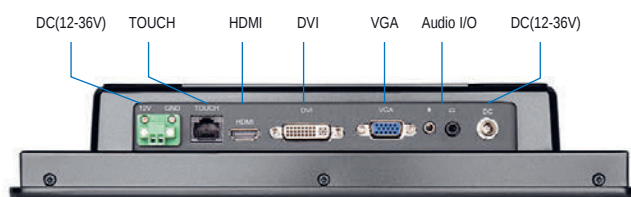
Developed for intelligent automation applications, such as edge computing, this robust X86-Box-PC is available with processors ranging from Intel Celeron to Intel Core i7. It offers up to 64 GB RAM and various interfaces such as 6x COM, 6x USB, Wifi and Bluetooth. The industrial design made of aluminium, with optimum construction for heat dissipation, ensures reliable operation. Even under high load, with low power consumption at the same time.

Displays as a supplement to Box-PC

In combination with our Box-PC, displays offer an interface to the machine that is detached from the actual computing unit. This allows the Box-PC to be positioned centrally and the displays to be positioned directly at the operator.

Display Series 2 from 7" to 21.5"

- 7 mm high frame with minimal display edge
- Robust aluminium housing
- Industrial displays with IP65 front
- Vivid 16.7 million colours
- Wide reading angle
- Capacitive, resistive or without touch



Box-PC from Intel Celeron to Intel Core i7



Fanless and compact



6x COM, 6x USB, Wifi, Bluetooth



4 up to 64 GB RAM



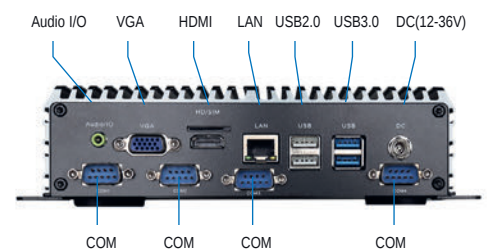
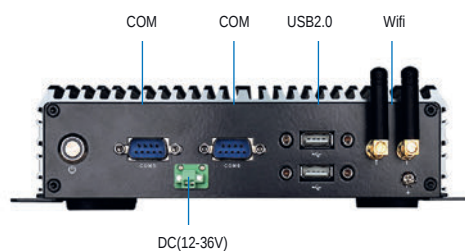
HDMI, VGA, audio, etc.



Intel Celeron up to Intel Core i7



Operating temperature -10 °C up to +60 °C



Overview table

Panel-PC	Series-1A Celeron	Series-2A Celeron	Series-1B Core	Series-2B Core
Panel code	PPC002-xxx	PPC005-xxx	PPC002-xxx	PPC005-xxx
Frame thickness	3 mm	7 mm	3 mm	7 mm
Display diagonal	7,0", 10.1", 10.4", 11.6", 12,0", 12.1", 13.3", 15,0", 15,6", 17,0", 17.3", 18.5", 19,0", 19.1", 21.5", 23.8"	7,0", 10.1", 10.4", 11.6", 12,0", 15,0", 15.6", 17,0", 17.3", 19,0", 19.1", 21,5"	7,0", 10.1", 10.4", 11.6", 12,0", 12.1", 13.3", 15,0", 15.6", 17,0", 17.3", 18.5", 19,0", 19.1", 21.5", 23.8"	7,0", 10.1", 10.4", 11.6", 12,0", 15,0", 15.6", 17,0", 17.3", 19,0", 19.1", 21,5"
Processor	Intel Celeron J6412		Intel Core i3 (8th, 10th, 12th Gen.), Intel Core i5 (7th, 8th, 10th, 12th Gen.), Intel Core i7 (7th, 8th, 10th, 12th Gen.)	
RAM	4, 8, 16 GB		4, 8, 16, 32 GB (Intel Core 10th Gen. up to 64 GB)	
SSD/HDD	64, 128, 256, 512, 1000 GB			
Wifi	Yes			
Bluetooth	Yes			
Operating system	Win 10 IOT LTSC, Win 11 IOT LTSC			

WebPanel	Series-1	Series-2
Article code	WPC002-xxx	WPC005-xxx
Frame thickness	3 mm	7 mm
Display diagonal	7,0", 10.1", 10.4", 11.6", 12.0", 12.1", 13.3", 15.0", 15.6", 17.0", 17.3", 18.5", 19.0", 19.1", 21.5", 23.8"	7,0", 10.1", 10.4", 11.6", 12.0", 15.0", 15.6", 17.0", 17.3", 19.0", 19.1", 21.5"
Processor	RK 3399	
RAM	4 GB	
SSD/HDD	64 GB eMMC	
Wifi	Yes	
Bluetooth	Yes	
Operating system	Android	
AutomationBrowser	optional	

Displays	Series-1	Series-2
Article code	DPL002-xxx	DPL005-xxx
Frame thickness	3 mm	7 mm
Display diagonal	7,0", 10.1", 10.4", 11.6", 12.0", 12.1", 13.3", 15.0", 15.6", 17.0", 17.3", 18.5", 19.0", 19.1", 21.5", 23.8"	7,0", 10.1", 10.4", 11.6", 12.0", 15.0", 15.6", 17.0", 17.3", 19.0", 19.1", 21.5"
Interfaces	DC port, HDMI, VGA, DVI	
Touch interfaces	RJ45 (USB protocol)	

Basic parameters of all Panel-PCs, WebPanels, Displays	
Integrated graphics	Intel HD Graphics
Wifi	Dual band 2.4G & 5G
Touch screen	Projected-capacitive: Touch points: 10-points, light transmission: 88% Resistive: Touch points: 1-point, light transmission: 78% Without touch: Touch points: - , Light transmission: >92%
Headphone connection	3.5 mm
Housing	Die-cast aluminium
Protection class	Front: IP65
Power supply	12 to 36 VDC
Operating temperature	-10 °C to 60 °C
Storage temperature	-20 °C to 70 °C
Assembly	Panel mount, VESA mount

Box-PC	
Article code	BPC002-xxx
Processor	Intel Celeron J6412 Quad Core 2.6 GHz, Intel Core i3, i5, i7 (7th, 8th, 10th, 12th Gen.)
RAM	4, 8, 16, 32 GB (Intel Core 10th Gen. up to 64 GB)
SSD/HDD	64, 128, 256, 512, 1000 GB
Wifi	Yes
Bluetooth	Yes
Operating system	Win 10, Win 11
Power supply	12 to 36 VDC
Operating temperature	-10 °C to 60 °C
Storage temperature	-20 °C to 70 °C
Assembly	Rack mount, desktop mount

Customisations and accessories

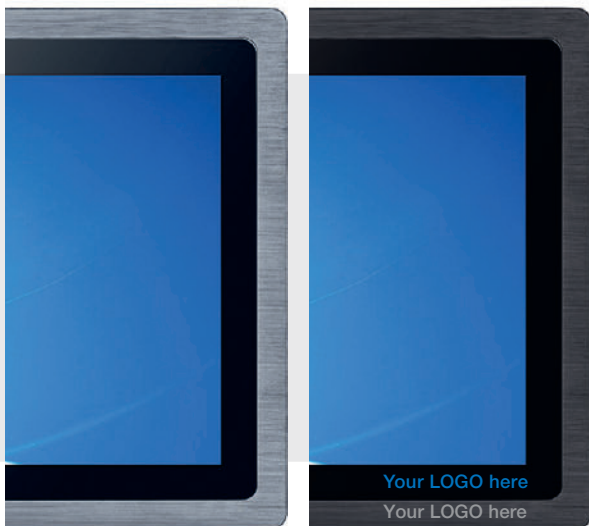
Everything you need from a single source

Accessories are an essential addition to a product that make the final use of your IPC possible. Due to the wide variety of applications, customised solutions are increasingly being used alongside standard accessories. Together with our partners, we have specialised in meeting these requirements efficiently from lot size 1 for you.

By selecting the appropriate accessories, Panel-PCs, web panels, Box-PCs and displays can be customised to the requirements and operating environments, to ensure optimum user-friendliness.

We offer you:

- Frame colour as desired
- Company logos as print or engraving
- OS settings and driver customisations
- Customised software
- Various other options such as: High brightness, Optical bonding, increased temperature range etc.



Series 1

Customised laser or screen print logo



Series 2

Customised printed logo



THE partner for YOUR projects since 1978



We provide solutions for intelligent communication, visualisation and operation of industrial machines and complex systems and increase their productivity.

Passion for Smart Machines
WACHENDORFF

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