



PANEL PC with a wealth of variants.

The PROFI series is designed for stationary use in an industrial environment.

The devices are equipped with the tried and tested analog resistive touch screen.

Customer requirements are completely different. With the PROFI series, we can respond individually to all requests in terms of design and technology.

Special attention was paid to the creation of a device that can be used consistently for the different customer requirements. From the simplest BDE feedback to complex visualization, everything is possible. The advantages of production and all services in Germany are noticeable here. Direct contacts in sales and production understand your requirements and can implement this from a quantity of ONE.

The modular design of the PROFI design enables the integration of new board technology.
The eighth generation of INTEL® - WHISKEY LAKE is now available.



The special features

- Different LCD sizes 10.4", 15", 17", 19" (4:3) and 21.5" (16: 9)
- **Analog resistive touch panel according to the LCD size (laminated glass effect)**
- Degree of protection: IP65 on the front, IP52 on the connection side
- Uniform IPC platform with the latest CPU technologies
- Integration of RFID readers
- Simple mounting options with VESA 100
- Modular device structure
- Many interfaces, very accessible, yet protected
- Simple and service-friendly housing technology
- Housing material made of sheet steel: powder-coated on the outside, RAL 7015 (slate gray), galvanized on the inside

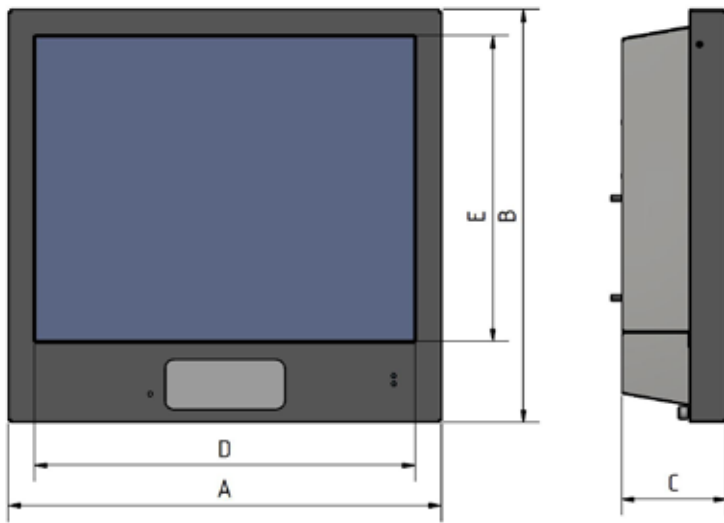


Product information

PROFI Series

Technical features

Measures and weight



Information on the dimensions in mm
to the weight in kg

PROFI	Overall dimensions			Active touch field		Weight
	A - Width	B - Height	C - Depth	D - Width	E - Height	
1000	265	266	100	216	164	3,25
1500	365	340	105	312	234	6
1700	395	380	105	342	274	7
1900	435	415	105	382	307	8
2150	532	382	105	477	268	9

Mainboard and CPU variants

Type PROFI	1000	1500	1700	1900	2150
LCD diagonal / format	10" / 4:3	15" / 4:3	17" / 4:3	19" / 4:3	21,5" / 16:9
Resolution	SVGA/XGA	XGA	SXGA	SXGA	FHD
Touchscreen / interfaces / IP protection class	Analog resistive touch screen / USB HID or serial / IP67				

CPU INTEL® Celeron® 6305E TGL	TIGER LAKE	
CPU INTEL® I3® 1115G4E TGL		
CPU INTEL® I5® 1145G7E TGL		
UEFI BIOS Support / TPM2.0		■ / ■
RAM / max. RAM / SSD MSATA M.2		8 GB / 32 GB / 128 GB
USB 3.1 Gen.2 / LAN		4x / 1x 1Gbit und 1x2,5 Gbit
optional interface: serial RS232 / WLAN-BT		2x / 1x

Product information

Technical features

Touchscreen technology and front area



Multitouch technology is certainly on the way, but the analog resistive touch screen will therefore not become extinct but will continue to exist.

The purpose is simply too different.

In the area of simple BDE feedback, the user is offered less information. The LCD diagonals are correspondingly smaller and the devices are very often really only used for feedback, i.e. they remain in one or two applications.

The feedback dialog is designed so that it can be done quickly.

No scrolling or zooming, just select and confirm.

This absolutely reliable, robust and almost indestructible type of touch screen is sufficient here.



RFID reader - identification of the employee.

The front area offers the possibility of installing contactless reader systems.

- LEGIC © (advant),
- mifare © (DESFire) and
- hitag © are offered.

We work together with phg, ELATEC and Interflex.

USB HID or redirection to the serial interface are possible as interfaces.

We also support the SMART Card reading process.

Connection and cable deployment



OPTIONAL: Cable protection / strain relief - connection side

All cable connections are on the back and go downwards.

4-6 screw terminals are attached to a carrier to relieve strain on the cables. This carrier can be removed using a secured knurled screw. Specifically: simple and one-time installation of the cables. The cable carrier remains at the place of use even if the device is replaced.



OPTIONAL: protective cover - rear view

To protect the plug connection, the entire connection side can be closed by a protective cover.

The cover is secured with 2 stud bolts and 2 knurled screws.

Technical features

More options



Integrated barcode reader - free-hand reading even in the production environment
Flexibility is consistently a top priority in this area as well.

To work with both hands, it is possible to build a 2D barcode scanner into the protective cover. This is connected via USB. An additional barcode reader can always be operated in parallel.



Barcode reader as an add-on version

Basically the same benefits as above.

But the angle of the 2D barcode reading beam can now be adjusted.

This special mounting bracket can also be retrofitted at any time.



OPTIONAL: Stand or wall bracket - the main thing is VESA 100

The mounting points on the PROFi are standardized according to VESA 100, in the form of threaded bolts on the rear of the device. FORSIS offers a table holder or a stand for mounting. A shortened version is available for mounting on the wall so that the device comes as close as possible to the wall.

Alternatively, FORSIS offers a complete assembly system with columns, swivel arms and arms supported by gas spring pressure. Also always with keyboard shelf.



Antenna technology according to IEEE802.11 ac / g / n

FORSIS offers its own MIMO (Multiple-Input-Multiple-Output) antenna for all device series. MIMO antenna systems offer higher data transmission rates, greater ranges and are not only „immune“ to multipath propagation, but even take advantage of it. A MIMO system is therefore best suited for use in indoor industrial areas without a direct line of sight between a PC and an AP / router. In addition to the implementation of the n-standard, our aim was to develop a robust antenna (protection class IP65). You can find more about this in the special data sheet for the antenna.

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