



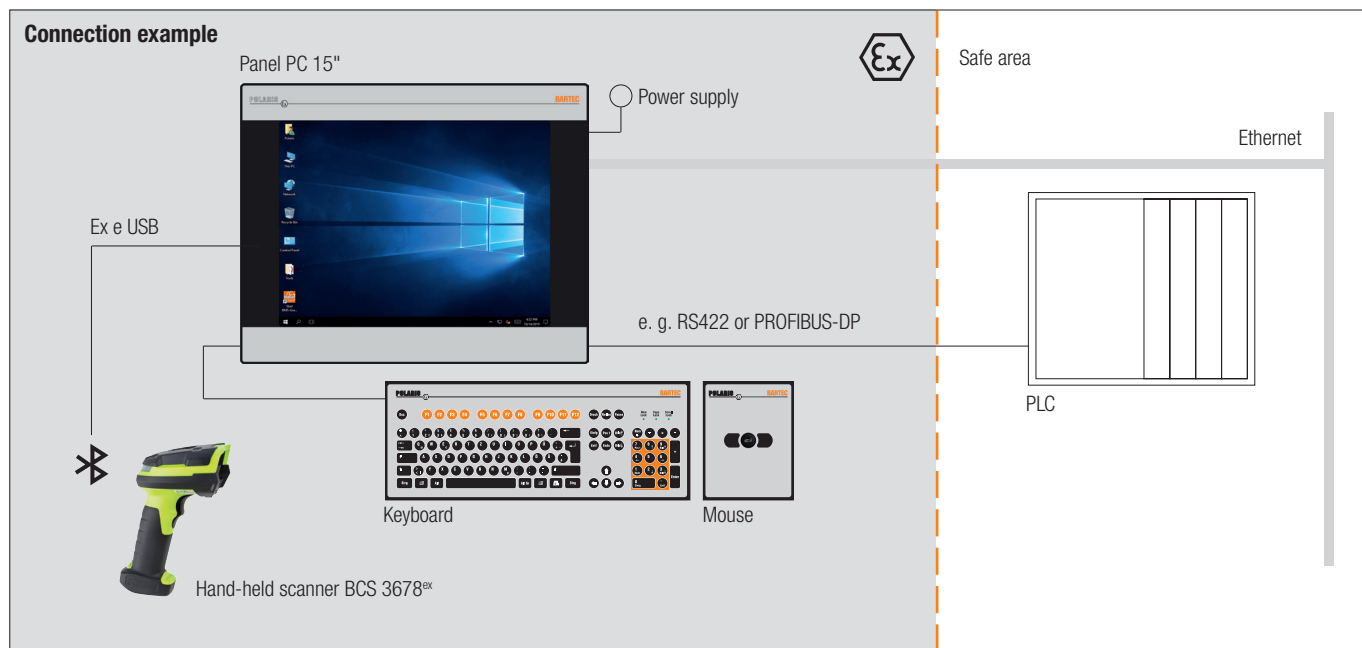
The panel PC has been equipped as standard with the Intel® Atom™ SoC E3845, 1.91 GHz. The Ethernet interface can be used to connect individual computers or network devices, e. g. a printer, to an existing local network (LAN) (WLAN is also a possible option) or local networks can be set up completely wirelessly. This facilitates a high-performance visualisation and operation of the processes directly on site. The wired electrical connections are realised via a terminal compartment of the “e” type of protection (increased safety). The state-of-the-art display technology guarantees an optimum contrast, even with large viewing angle. The Front-panel fitting assures easy installation. On request, the devices are also available as ready-made system solutions in Stainless-steel enclosure for wall or floor mounting. An intrinsically safe USB interface is available for a USB Ex i memory stick. Intrinsically safe input devices can also be connected. The optional (intrinsically safe) touchscreen offers the optimum in operating comfort. Windows 7® Ultimate or Windows 10® IoT can be used as an operating system. The Panel PCs therefore support the installation of numerous software packages, such as customer-specific software or other commercially available standard visualisation software. Of course, here too the operator can also work with the BARTEC “BMS-Graf-pro” programming package (Version 7.xxx or newer). The BARTEC PROFIBUS-DP interface can only be used in connection with the BARTEC “BMS-Graf-pro” software.

Explosion protection

Marking ATEX	Ex db eb q [ib] IIC T4 Gb
Zone 1 and 21	Ex tb IIIC T120 °C Db
Certification	IBExU 05 ATEX 1117 X
Marking IECEx	Ex db eb q [ib] IIC T4 Gb
	Ex tb IIIC T120 °C Db
Certification	IECEx IBE 11.0007 X
Other approvals and certificates, see	www.bartec.de
Ambient temperature	-20 °C to +60 °C
Variant for Zone 2	www.bartec.de

Technical data

Construction	Front-panel fitting
Protection class	IP 65 (front) IP 54 (back)
Display	15" graphics-capable TFT colour display 16.7 million colors XGA resolution, 1024 x 768 pixels Brightness 500 cd/m ² Visible area approx. 304 x 228 mm Contrast 800:1 Antireflection-coating glass pane Optional touchscreen (resistive)
Backlighting	LED technology Service life approx. 50,000 hours (at +25 °C)
Computer capacity	Processor: Intel® Atom™ E3845, 4 x 1.91 GHz 4 or 8 GB RAM 100 GB HD or 128 GB SSD (MLC)
Operating system	Windows 7® Ultimate or Windows® 10 IoT LTSB
Interfaces (Basic version)	1 x Ex e Ethernet 100/10BaseT 1 x Ex e USB 1 x Ex e RS422 1 x Ex i USB for Ex i memory stick 2 x Ex i PS/2 for intrinsically safe mouse and keyboard
Optional accessories	Hand-held scanner on request
Dimensions (W x H x D)	411 mm x 332 mm x approx. 135 mm
Wall cut-out	394.5 mm x 315.5 mm + 0.5 mm
Weight	approx. 23 kg
Power supply	AC 90 to 253 V, 50 to 60 Hz DC 24 V ± 10 % on request
Max. power consumption	P _{max.} < 70 W
Admissible ambient temperature	Storage -20 °C to +50 °C Operation 0 °C to +50 °C System solution with heating on request.
Relative air humidity	5 to 95 % non-condensing
Vibration	0.7 g/1 mm; 5 Hz to 500 Hz pulse in all 3 axes
Shock	15 g/11 ms pulse in all 3 axes
Material	Front: polyester foil on anodised aluminium plate (conditionally UV-resistant) Back: bichromated sheet steel



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Ordering information

Description	Code no.	Interfaces	Code no.	Operating system	Code no.	Variant	Code no.	Computer capacity	Code no.
Panel PC 15" without touchscreen	4	USB Ex e/RS422 (recommended version)	76	Windows 7 Ultimate 32bit incl. Recovery (at 4 GB RAM)	S	AC	0	100 GB HD	0
				Windows 10 IOT LTSB 32bit (at 4 GB RAM) incl. Recovery and Runtime BMS Graf	K			128 GB SSD	2
Panel PC 15" with touchscreen	6	Further Interface combinations on request	XX	Windows 10 IOT LTSB 64bit incl. Recovery (at 8 GB RAM)	L	DC	2	128 GB SSD Power Protected	5

Complete order no. 17-71V1- 0 / 000 00

Please insert correct code. Technical data subject to change without notice.

You will find the accessories with order details on the accessories pages.