

# Touch Industrial PC Front Panel 18.5

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### Panel

LCD Size	18.5 inch (47.0 cm)
Resolution	1920 x 1080
Aspect Ratio	16 : 9
Technology	TFT
Colours	16.7 M
Backlight	LED
Backlight Life Time	50,000 h
Luminance*	500 cd/m <sup>2</sup>
Contrast Ratio*	1000 : 1
Viewing Angle* (right/left/up/down)	89°/89°/89°/89°
Touch	Projected Capacitive Touch, Multitouch, Anti-Glare

\*The values are referring to the display only.

### System

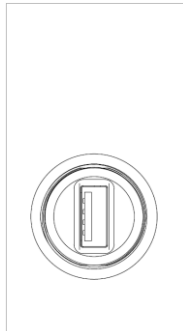
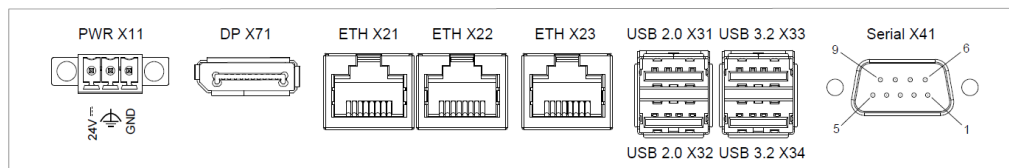
CPU	Intel® Core™ i5-1145G7E 1.5/4.1 GHz
Graphic	Intel® Iris® Xe
Memory	8 GB DDR4
Storage	128 GB 3D TLC SSD
BIOS	AMI Optio 5 BIOS
Wake on LAN	Yes
H/W Status Monitoring	Supports Power Supply Voltage and Temperature Monitoring
CMOS Battery	Lithium Battery (CR2450/610 mAh)
RTC	Internal RTC
TPM	TPM 2.0 (SLB9670)
Watchdog	Yes
RAID	No

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### Interfaces

<b>Power</b>	1 x Phoenix 3-pin MC 1,5/ 3-STF-3,5 BK (screwable), PWR X11
<b>USB</b>	2 x USB Host 3.2 Gen 1 (Type A), X33, X34 2 x USB Host 2.0 (Type A), X31, X32 1 x USB Host 2.0 (Type A), side
<b>Network</b>	3 x 2.5 Gbit Ethernet (RJ45), ETH X21, ETH X22, ETH X23
<b>Serial</b>	1 x RS-232 / RS-485 / RS-422 (Sub-D) (BIOS setting), Serial X41
<b>Video</b>	1 x DisplayPort 1.4, DP X71



#### PWR X11

PIN	Signal
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1	Ground
2	Functional Earth
3	24 VDC $\pm$ 20 %

#### Serial X41

PIN	RS-232	RS-422	RS-485
1	DCD	TX-	Data-
2	RX	TX+	Data+
3	TX	RX+	--
4	DTR	RX-	--
5	Ground	Ground	Ground
6	DSR	--	--
7	RTS	--	--
8	CTS	--	--
9	RI	--	--

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### Power Supply

<b>Supply Voltage</b>	24 VDC $\pm$ 20 %
<b>Power Consumption (max*)</b>	up to 80 W
<b>Power Button</b>	No
<b>Power Connector</b>	Phoenix 3-pin MC 1,5/ 3-STF-3,5 BK (screwable), PWR X11
<b>Fuse</b>	6 A, time lag, non-exchangeable

\*max. periphery consumption included (e.g. 1 x USB 2.0 equals 2.5 W)

### Mechanical & Environmental

<b>Housing Front</b>	Glass, black frame
<b>Housing</b>	Aluminium / silver / black
<b>Dimensions</b>	474 x 293 x 62 [mm]
<b>Cutout</b>	463 x 283 [mm] rounded corners with radius 10 mm, see technical drawing
<b>Weight</b>	max. 4.5 kg
<b>Cooling</b>	Passive
<b>Ambient Temperature</b>	0 ~ 50 °C
<b>Storage Temperature</b>	-10 ~ 70 °C
<b>Humidity</b>	5 ~ 80 % (non condensing)
<b>Protection Class</b>	IP65 (IP20 rear)
<b>Certification</b>	CE, EN55032 Class A, EN55035

Never cover the Touch Industrial PC Front Panel 18.5 completely on the back or build it in a small closed and unvented housing.

Detailed size information can be found in the technical drawing under the following link:

[Technical drawing Front Panel 18.5](#)

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### Ordering Information

Ordering-No.	
PA10015424	Touch Industrial PC Front Panel 18.5

Datasheet valid from device revision 0.

### Disclaimer

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