

# Touch Industrial PC Front Panel 10.1

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### Panel

LCD Size	10.1 inch (25.7 cm)
Resolution	1280 x 800
Aspect Ratio	16 : 10
Technology	TFT
Colours	16.2M
Backlight	LED
Backlight Life Time	50,000 h
Luminance*	500 cd/m <sup>2</sup>
Contrast Ratio*	800 : 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

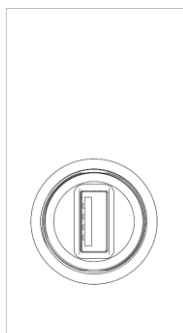
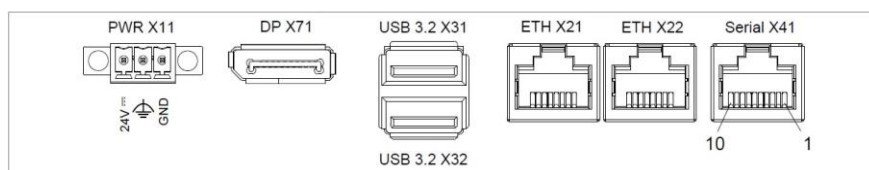
CPU	Intel® Atom® QC x6425E (2.0 GHz / 3.0 GHz)
Graphic	Intel® UHD Graphics 500 MHz
Memory	16 GB DDR4
Storage	512 GB 3D TLC SSD
BIOS	AMI Optio 5 BIOS
Wake on LAN	Yes (only on ETH X21 port)
H/W Status Monitoring	Supports Power Supply Voltage and Temperature Monitoring
CMOS Battery	Lithium Battery (CR2450/610 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), X31, X32 1 x USB Host 2.0 (Type A), side
<b>Network</b>	2 x 2.5 Gbit Ethernet (2 x RJ45), ETH X21, ETH X22
<b>Serial</b>	1 x RS-232 / RS-485 / RS-422 (RJ50) (BIOS setting), Serial X41
<b>Video</b>	1 x DisplayPort 1.4, DP X71



#### PWR X11

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

#### Serial X41

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

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### Power Supply

<b>Supply Voltage</b>	24 VDC $\pm$ 20 %
<b>Power Consumption (max*)</b>	up to 40 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>	6.3 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>	273 x 190 x 57 [mm]
<b>Cutout</b>	262 x 179 [mm] rounded corners with radius 10 mm, see technical drawing
<b>Weight</b>	max. 2.3 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 10.1 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 10.1](#)

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### Ordering Information

Ordering-No.	
PA10015576	Touch Industrial PC Front Panel 10.1

Datasheet valid from device revision 0.

### Disclaimer

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### Contact

Christ Electronic Systems GmbH  
Alpenstraße 34  
87700 Memmingen

Phone:  
+49 8331 8371-0 (Main Office)  
+49 8331 8371-500 (Service)

Mail:  
[info@christ-es.de](mailto:info@christ-es.de)

Homepage:  
<https://www.christ-es.com>

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