

# Touch Industrial PC Front Panel 12.1

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### Panel

LCD Size	12.1 inch (30.7 cm)
Resolution	1280 x 800
Aspect Ratio	16 : 10
Technology	TFT
Colours	16.7 M
Backlight	LED
Backlight Life Time	50,000 h
Luminance*	400 cd/m <sup>2</sup>
Contrast Ratio*	1000 : 1
Viewing Angle* (right/left/up/down)	88°/88°/88°/88°
Touch	Projected Capacitive Touch, Multitouch, Anti-Glare

\*The values are referring to the display only.

### System

CPU	Intel® Celeron® N3350 1.1 GHz
Graphic	Intel® HD Graphics 500 200 MHz
Memory	4 GB DDR3L
Storage	64 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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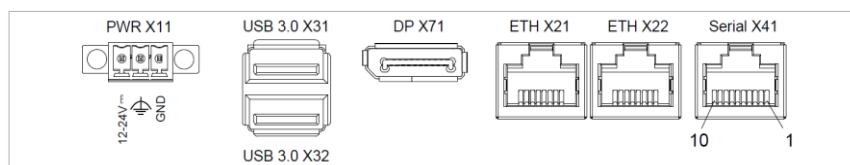
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### Interfaces

<b>USB</b>	2 x USB Host 3.0 (Type A)
<b>Ethernet</b>	2 x 1 Gbit Ethernet (2 x Intel I211AT)
<b>Communication</b>	1 x RS-232 / RS-485 / RS-422 (RJ50) (BIOS setting)
<b>Video</b>	1 x DisplayPort 1.0 *

\* DisplayPort 1.0 does not allow compatibility with HDMI and DVI-I. Therefore an active adapter with properties of the DisplayPort 1.1 (DP++) is necessary.

### INTERFACES



#### Serial Connector Pinning

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

### Power Supply

<b>Supply Voltage</b>	12 - 24 VDC $\pm$ 20 %
<b>Power Consumption (max*)</b>	up to 35 W
<b>Power Button</b>	No
<b>Power Connector</b>	Phoenix 3-pin MC 1,5/ 3-STF-3,5 BK (screwable)
<b>Fuse</b>	10 A, time lag, non-exchangeable

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

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### Mechanical & Environmental

<b>Housing Front</b>	Glass, Black Frame
<b>Housing</b>	Aluminium / Silver
<b>Dimensions</b>	322 x 222 x 59 [mm]
<b>Cutout</b>	310 x 211 [mm] rounded corners with radius 10 mm, see technical drawing
<b>Weight</b>	max. 2.0 kg
<b>Cooling</b>	Passive
<b>Operating 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 12.1 completely on the back or build it in a small closed and un-vented housing.

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

[Technical drawing Front Panel 12.1"](#)

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### Ordering Information

Ordering-No.	
PA10007322	Touch Industrial PC Front Panel 12.1

### Disclaimer

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