Touch Industrial PC Front Panel 13.3

Datasheet

- Panel
- System
- Interfaces
- Power Supply
- Mechanical & Environmental
- Ordering Information

Panel

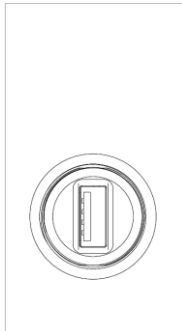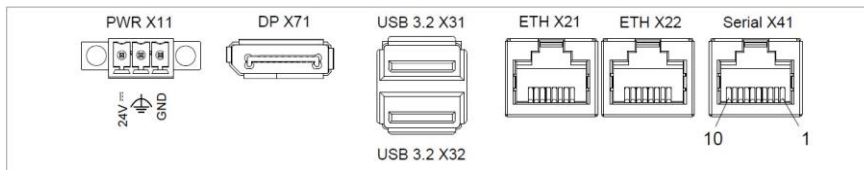|	
LCD Size	13.3 inch (33.8 cm)
Resolution	1920 x 1080
Aspect Ratio	16 : 9
Technology	TFT
Colours	16.7 M
Backlight	LED
Backlight Life Time	50,000 h
Luminance*	400 cd/m²
Contrast Ratio*	800 : 1
Viewing Angle* (right/left/up/down)	89°/89°/89°/89°
Touch	Projected Capacitive Touch, Multitouch, Anti-Glare

*The values are referring to the display only.

System

CPU	Intel® Atom® QC x6211E (2.0 GHz / 3.0 GHz)
Graphic	Intel® UHD Graphics 500 MHz
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

Touch Industrial PC Front Panel 13.3
Datasheet

Interfaces

Power	1 x Phoenix 3-pin MC 1,5/ 3-STF-3,5 BK (screwable), PWR X11
USB	2 x USB Host 3.2 Gen 1 (Type A), X31, X32 1 x USB Host 2.0 (Type A), side
Network	2 x 2.5 Gbit Ethernet (2 x RJ45), ETH X21, ETH X22
Serial	1 x RS-232 / RS-485 / RS-422 (RJ50) (BIOS setting), Serial X41
Video	1 x DisplayPort 1.4, DP X71

PWR X11

PIN	Signal
1	Ground
2	Functional Earth
3	24 VDC ± 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	--	--

Touch Industrial PC Front Panel 13.3
Datasheet

Power Supply

Supply Voltage	24 VDC ± 20 %
Power Consumption (max*)	up to 50 W
Power Button	No
Power Connector	Phoenix 3-pin MC 1,5/ 3-STF-3,5 BK (screwable), PWR X11
Fuse	6.3 A, time lag, non-exchangeable

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

Mechanical & Environmental

Housing Front	Glass, black frame
Housing	Aluminium / silver / black
Dimensions	354 x 224 x 60 [mm]
Cutout	343 x 213 [mm] rounded corners with radius 10 mm, see technical drawing
Weight	max. 2.9 kg
Cooling	Passive
Ambient Temperature	0 ~ 50 °C
Storage Temperature	-10 ~ 70 °C
Humidity	5 ~ 80 % (non condensing)
Protection Class	IP65 (IP20 rear)
Certification	CE, EN55032 Class A, EN55035

Never cover the Touch Industrial PC Front Panel 13.3 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 13.3

Touch Industrial PC Front Panel 13.3

Datasheet

Ordering Information

Ordering-No.	
PA10015571	Touch Industrial PC Front Panel 13.3

Datasheet valid from device revision 0.

Disclaimer

Christ Electronic Systems GmbH reserves the right to change the information, designs and technical data contained in this documentation without prior notice, as the products are subject to constant further development. No guarantee is given that the data is complete, up-to-date and correct. In this document, all brand names as well as software and hardware designations used are subject to the respective companies, general trademark, brand or patent protection.

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

Homepage:
https:\\www.christ-es.com

© Christ Electronic Systems GmbH