

# Touch-it XELO Open Frame glass 23,8

## Datasheet

- **Made in Germany**
- **Multitouch**
- **24h/7d – Industrial Grade**
- **Fanless**
- **Long Term Availability**

### PANEL

<b>LCD Size</b>	23.8 inch (60.5 cm)
<b>Resolution</b>	1920 x 1080
<b>Aspect Ratio</b>	16 : 9
<b>Technology</b>	TFT
<b>Colours</b>	16.7M
<b>Backlight</b>	LED
<b>Backlight Life Time</b>	30,000 h
<b>Luminance*</b>	250 cd/m <sup>2</sup>
<b>Contrast Ratio*</b>	1000 : 1
<b>Viewing Angle* (right/left/up/down)</b>	89°/89°/89°/89°
<b>Touch</b>	Projected Capacitive Touch, Anti-Glare, Multitouch (not supported in WS7E)

\*The values are referring to the displays only.

### SYSTEM

<b>CPU</b>	AMD® GX-415GA Quad Core™ 1.5 GHz 64 Bit, 2 MB Cache	Intel® Core™ i5-5350U Dual Core 1.8 GHz 64 Bit, 3 MB Cache
<b>Chipset</b>	Integrated in APU	Integrated in Intel® 5th Gen. Core™ i U-series
<b>Graphic</b>	Radeon HD 8330E 500 MHz	Intel® HD Graphics 6000 300 MHz
<b>Memory</b>	4 GB DDR3L / 8 GB DDR3L / 16 GB DDR3L (i5 only)	
<b>Storage</b>	32 / 64 / 128 / 256 / 512 GB MLC SSD / up to 1 TB HDD	
<b>BIOS</b>	AMI BIOS, Supports ACPI Function	
<b>Wake on LAN</b>	Yes	
<b>H/W Status Monitoring</b>	Supports Power Supply Voltages and Temperature Monitoring	
<b>CMOS Battery</b>	Lithium Battery	
<b>Operating System</b>	Windows® Embedded Standard 7 (WS7P) Windows® Embedded Standard 7 (WS7E) Windows® Embedded 8 Standard Windows® 10 IoT Linux	

# Touch-it XELO Open Frame glass 23,8

## Datasheet

### STANDARD INTERFACES

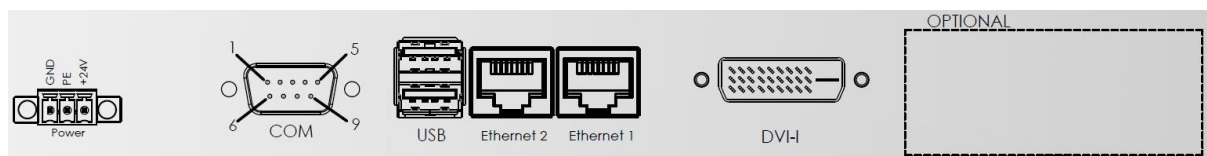
<b>USB</b>	2 x USB Host 3.0 (Type A)
<b>Ethernet</b>	2 x 1 Gbit Ethernet
<b>Communication</b>	1 x RS-232 / RS-485 (BIOS setting)
<b>Video</b>	1 x DVI-I

### OPTIONAL INTERFACES

<b>USB</b>	4 x USB Host 2.0 (Type A, max. Total Current 0.5 A)
<b>WLAN</b>	1 x 802.11 ac/a/b/g/n (2.4 GHz, 5 GHz)

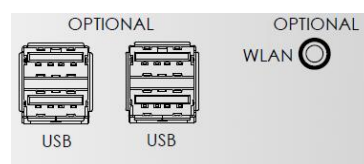
### POWER SUPPLY

<b>Supply Voltage</b>	24 VDC $\pm$ 20%
<b>Power Consumption (nom/max)</b>	AMD® Quad Core: 18 W / 34 W
<b>Power Connector</b>	Phoenix 3-pol MC 1,5/ 3-STF-3,5 BK (screwable) / Phoenix 3-pol MC 1,5/ 3-ST-3,5 BK



### INTERFACES

PIN	Signal Name	
	RS-232	RS-485
	COM	COM
1	DCD	DATA-
2	RX	DATA+
3	TX	NC
4	DTR	NC
5	Ground	Ground
6	DSR	NC
7	RTS	NC
8	CTS	NC
9	RI	NC



# Touch-it XELO Open Frame glass 23,8

## Datasheet

### MECHANICAL & ENVIRONMENTAL

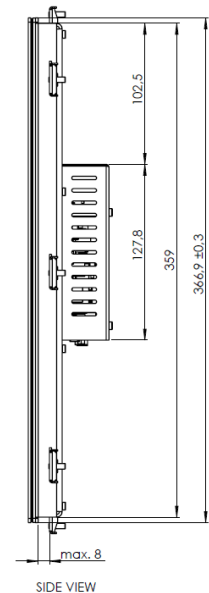
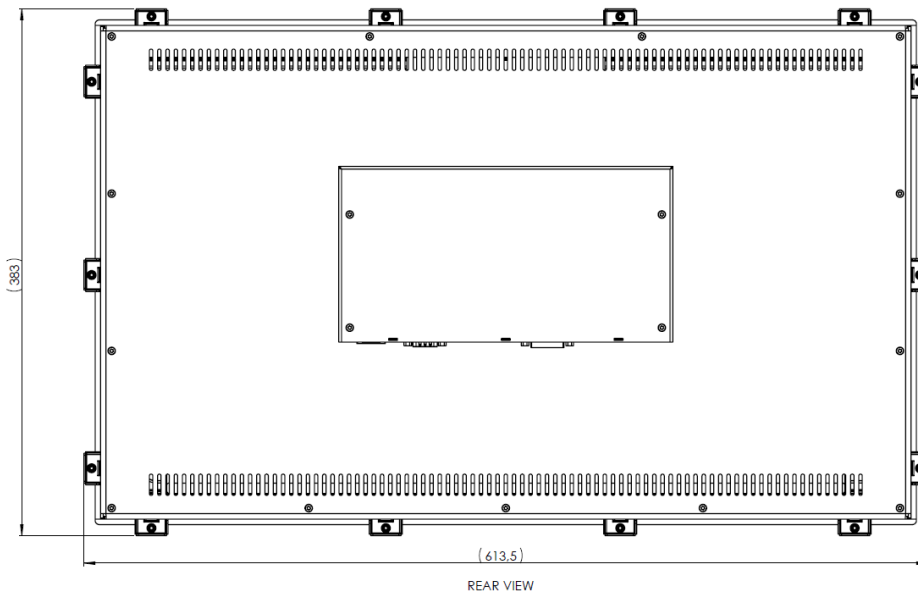
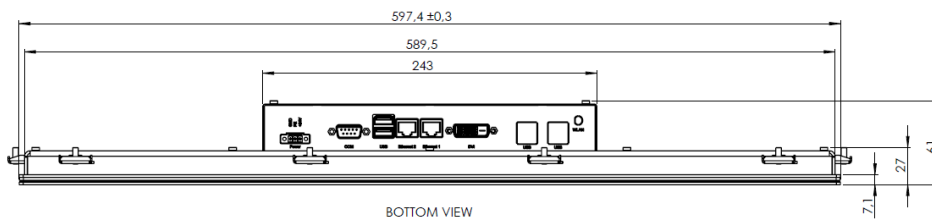
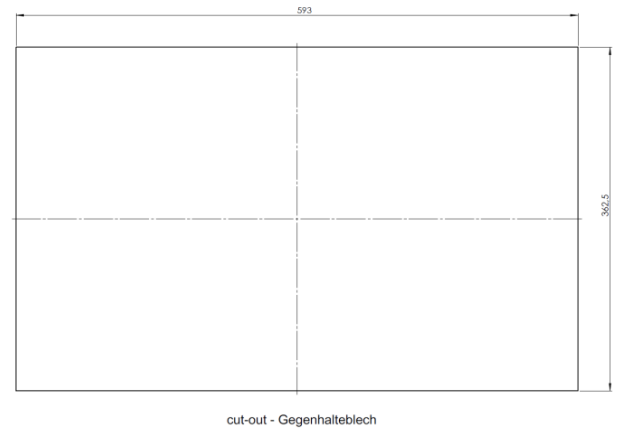
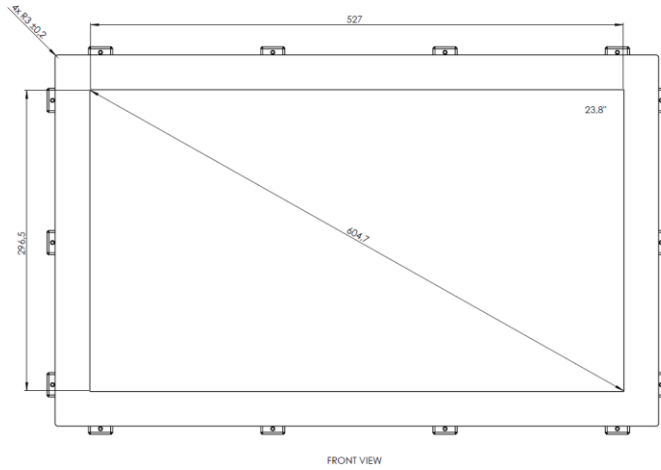
<b>Housing Front</b>	Glass, without Frame
<b>Housing</b>	Metallic Cover
<b>Dimensions</b>	597,4 ± 0.3 mm x 366,9 ± 0.3 mm x 61 mm
<b>Weight</b>	tbd
<b>Cooling</b>	Passive
<b>Operating Temperature</b>	0 ~ 50 °C
<b>Storage Temperature</b>	-10 ~ 70 °C
<b>Humidity</b>	5 ~ 80% (non condensing)
<b>Protection Class</b>	IP65 (IP20 rear)
<b>Certification</b>	CE, EN55032 Class A, EN55024

Never cover the Touch-it XELO Open Frame glass 21,5 completely or build it in a small closed and unvented housing.

# Touch-it XELO Open Frame glass 23,8

## Datasheet

### DIMENSIONS



# Touch-it XELO Open Frame glass 23,8

## Datasheet

### ORDERING INFORMATION

Art. No.:	CPU		RAM			Storage					Optional Interfaces	
	AMD Quad-Core	Intel i5 5 <sup>th</sup> Gen.	4 GB	8 GB	16 GB (i5 only)	32 GB SSD	64 GB SSD	128 GB SSD	256 GB SSD	512 GB SSD	4 x USB	1 x WLAN
<b>E742124</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### DISCLAIMER

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

**CHRIST ELECTRONIC SYSTEMS GMBH**

**MANUFACTURE OF INDUSTRIAL ELECTRONICS**

**CONTACT**

Christ Electronic Systems GmbH  
Alpenstraße 34  
87700 Memmingen  
Phone: +49 8331/ 83710  
[www.christ-es.de](http://www.christ-es.de)

**FROM IDEAS TO REALITY**

We are a German developer and manufacturer of innovative HMI-systems for demanding industrial applications. Christ offers an extensive range of

TOUCH PANEL PCs	x86 & ARM
TOUCH MONITORS	7" – 24"
SINGLE BOARD COMPUTER	Windows & Linux
VISUALISATION SYSTEMS	HMI & SCADA

Copyright / © Christ Electronic Systems GmbH  
a member of the Christ Company Group

5 / 5

Aug. 2017, Revision 01  
Document No.:PA10001195