

# Touch-it SMART Monitor Open Frame glass 12,1

## Datasheet

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

### PANEL

|  |   |
|--|---|
| <b>LCD Size</b>                                | 12.1 inch (30.7 cm)                                   |
| <b>Resolution</b>                              | 1280 x 800  |
| <b>Aspect Ratio</b>                            | 16 : 10   |
| <b>Technology</b>                              | TFT   |
| <b>Colours</b>                                 | 16.2M   |
| <b>Backlight</b>                               | LED   |
| <b>Backlight Life Time</b>                     | 50,000 h  |
| <b>Luminance*</b>                              | 400 cd/m <sup>2</sup>                                 |
| <b>Contrast Ratio*</b>                         | 800 : 1   |
| <b>Viewing Angle*<br/>(right/left/up/down)</b> | 80°/80°/65°/80°                                       |
| <b>Touch</b>                                   | Projected Capacitive Touch, Anti-Glare,<br>Multitouch |

\*The values are referring to the displays only.

### STANDARD INTERFACES

|              |                             |
|--------------|-----------------------------|
| <b>USB</b>   | 2 x USB Host 2.0 (Type A)   |
| <b>Video</b> | 1 x 1 Gbit Ethernet (RJ-45) |

### OPTIONAL INTERFACES

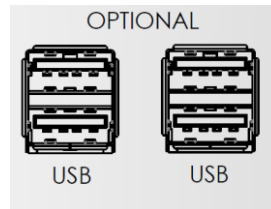
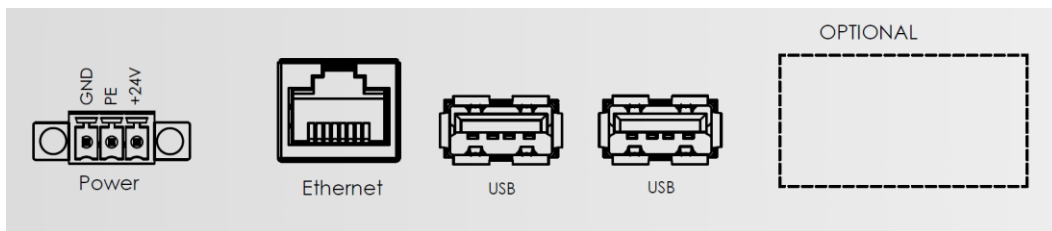
|            |   |
|------------|---|
| <b>USB</b> | 4 x USB Host 2.0 (Type A, max. Total Current 0.5 A) |
|------------|---|

# Touch-it SMART Monitor Open Frame glass 12,1

## Datasheet

### POWER SUPPLY

|                                |   |
|--------------------------------|---|
| <b>Supply Voltage</b>          | 24 VDC $\pm$ 20%  |
| <b>Power Consumption (max)</b> | 19 W  |
| <b>Power Connector</b>         | Phoenix 3-pol MC 1,5/ 3-STF-3,5 BK (screwable) /<br>Phoenix 3-pol MC 1,5/ 3-ST-3,5 BK |



### INTERFACES

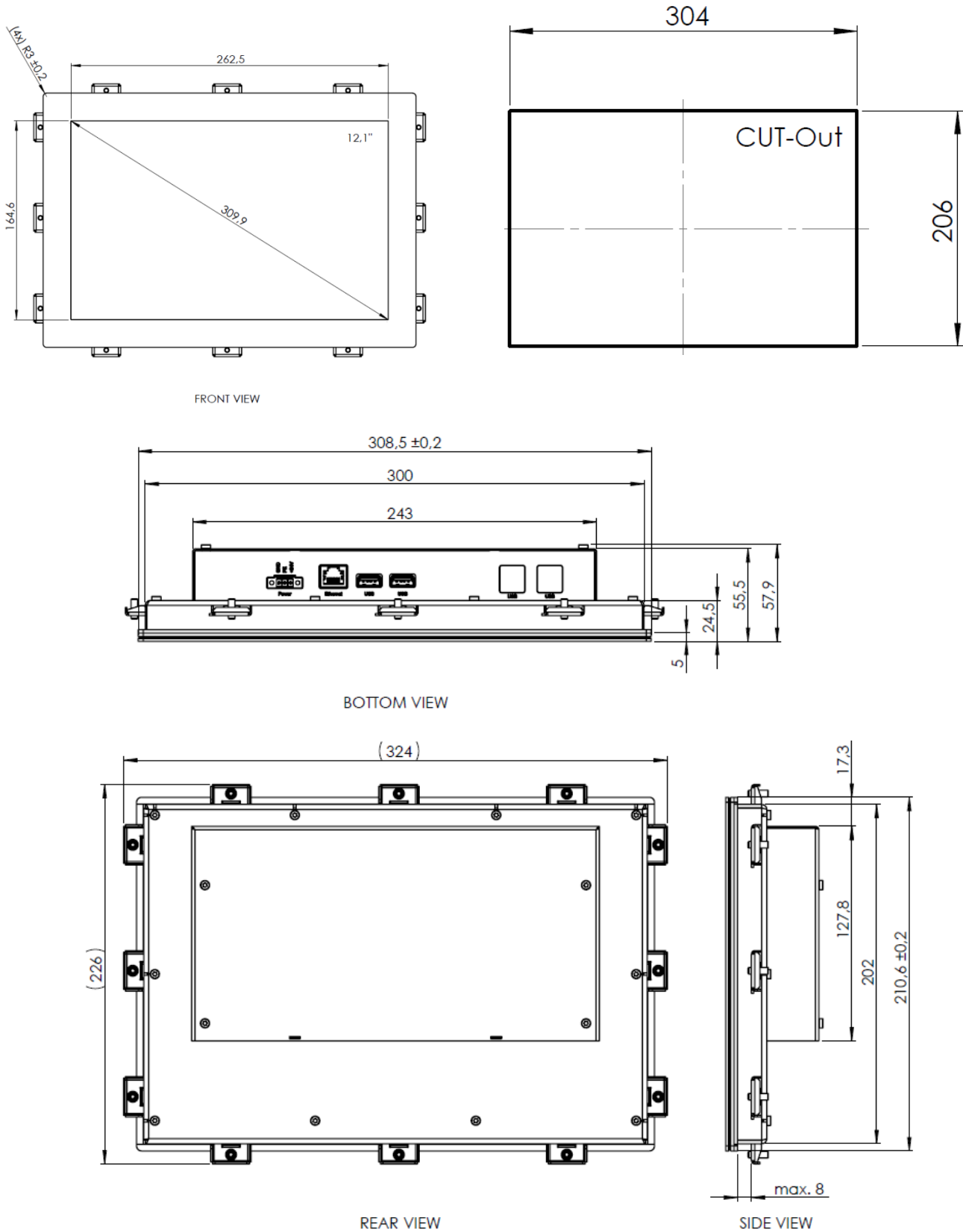
### MECHANICAL & ENVIRONMENTAL

|                              |   |
|------------------------------|---|
| <b>Housing Front</b>         | Glass, without Frame                              |
| <b>Housing</b>               | Metallic Cover                                    |
| <b>Dimensions</b>            | 308.5 $\pm$ 0.2 mm x 210.6 $\pm$ 0.2 mm x 57.9 mm |
| <b>Weight</b>                | 1.8 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, EN55022, EN55024, DIN EN ISO 9001             |

# Touch-it SMART Monitor Open Frame glass 12,1

## Datasheet

### DIMENSIONS



# Touch-it SMART Monitor Open Frame glass 12,1

## Datasheet

### ORDERING INFORMATION

| Art. No.:      | Optional Interfaces      |
|----------------|--------------------------|
| X              | 4 x USB                  |
| <b>E751207</b> | <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-ELEKTRONIK GMBH MANUFACTURE OF INDUSTRIAL ELECTRONICS

### CONTACT

Christ-Elektronik GmbH  
Alpenstraße 34  
87700 Memmingen  
Phone: +49(0)8331/83710  
[www.christ-elektronik.de](http://www.christ-elektronik.de)

### FROM IDEAS TO REALITY

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

|                       |                 |
|-----------------------|-----------------|
| TOUCH PANEL PCs       | x86 & ARM       |
| TOUCH MONITORS        | 7" – 21"        |
| SINGLE BOARD COMPUTER | Windows & Linux |
| VISUALIZATION SYSTEMS | HMI & SCADA     |