

SIMATIC ITC2200 V3 PRO, Industrial Thin Client, 22" widescreen TFT display, capacitive touch sensor, Supported protocols: RDP, VNC, SMARTSERVER, HTML5, etc., neutral design, prepared for support arm with add-on elements

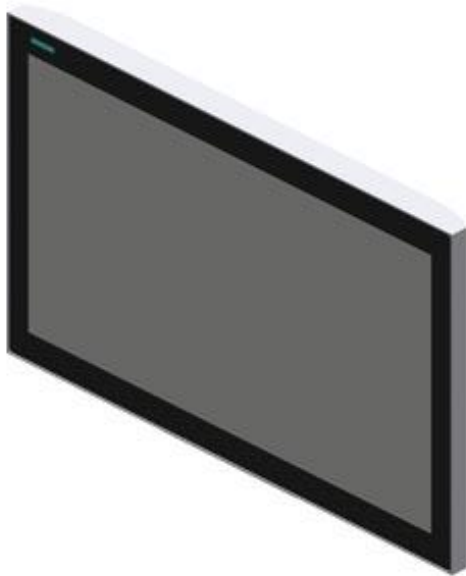


Figure similar

General information	
Product type designation	ITC2200 V3
Short designation	SIMATIC ITC2200 V3
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	21.5 in
Display width	475.2 mm
Display height	267.3 mm
Number of colors	16 777 216
Resolution (pixels)	
• Horizontal image resolution	1 920 Pixel
• Vertical image resolution	1 080 Pixel
General features	
• non-reflective and tempered mineral glass screen	Yes
Backlighting	
• Type of backlighting	LED, dimmable

• MTBF backlighting (at 25 °C)	30 000 h; At 25°C
• Backlight dimmable	Yes

### Control elements

Touch operation	
• Design as multi-touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes

### Installation type/mounting

Design	Support arm mounting
Support arm mounting	Yes; Suitable for support arm and extension components (please refer to manual)
Built-in unit	No
maximum permitted forward tilt angle from vertical	35°
maximum permitted backward tilt angle from vertical	35°

### Supply voltage

Type of supply voltage	24 V DC
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V

### Input current

Current consumption (rated value)	1.7 A
Starting current inrush I <sup>2</sup> t	0.5 A <sup>2</sup> ·s

### Power

Active power input, typ.	41 W
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### Interfaces

Number of industrial Ethernet interfaces	2; 2 ports (switch)
Number of USB interfaces	4; on rear
Connection for keyboard/mouse	USB

### Industrial Ethernet

• Transmission rate, max.	1 000 Mbit/s
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### Protocols

Protocols (Ethernet)	
• TCP/IP	Yes
• DHCP	Yes
• SNMP	Yes
• DCP	Yes
• LLDP	Yes

### WEB characteristics

• HTTP	Yes
• HTTPS	Yes
• HTML	Yes; HTML5

• XML	Yes
• CSS	Yes
• Active X	No
• JavaScript	Yes
• Java VM	No
<b>Protocols (terminal link)</b>	
• Sm@rtServer	Yes
• RDP	Yes
• VNC viewer	Yes
• Citrix	Yes
• SINUMERIK	Yes
<b>Degree and class of protection</b>	
IP (at the front)	IP65
<b>NEMA (front)</b>	
• Enclosure Type 4 at the front	Yes
• Enclosure Type 4x at the front	Yes
• Enclosure Type 12 at the front	Yes
<b>Standards, approvals, certificates</b>	
CE mark	Yes
cULus	Yes
FM approval	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
<b>Use in hazardous areas</b>	
• ATEX Zone 2	No
• ATEX Zone 22	No
• IECEx Zone 2	No
• IECEx Zone 22	No
• cULus Class I Zone 2, Division 2	No
• FM Class I Division 2	No
<b>Marine approval</b>	
• Germanischer Lloyd (GL)	No
• American Bureau of Shipping (ABS)	No
• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	No
• Korean Register of Shipping (KRS)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (Class NK)	No
• Polski Rejestr Statkow (PRS)	No
• Chinese Classification Society (CCS)	No

## Ambient conditions

### Ambient temperature during operation

- min. 0 °C
- max. 45 °C

### Ambient temperature during storage/transportation

- min. -20 °C
- max. 60 °C

### Relative humidity

- Operation, max. 90 %; no condensation

### Vibrations

- Vibration load in operation 10 m/s<sup>2</sup>
- Vibration load during transport/storage 10 m/s<sup>2</sup>

### Shock testing

- Shock load during operation 150 m/s<sup>2</sup>
- Shock load during transport/storage 150 m/s<sup>2</sup>

## Software

Web browser Yes; HTML5, CSS

PDF reader Yes

## Configuration

### Configuration

- Local Yes
- Remote Yes; Via web page

## Languages

### Online languages

- Number of online/runtime languages 2; german / english

## Peripherals/Options

Printer No

USB memory Yes; USB storage medium can be connected

Additional software components loadable No

## Mechanics/material

### Enclosure material (front)

- Aluminum Yes

## Dimensions

Width of the housing front 527 mm

Height of housing front 330 mm; Without basic adapter

Overall depth 101 mm; Without basic adapter

## Weights

Weight without packaging 8.5 kg

**last modified:** 05/05/2020