

SIMATIC ITC2200 V3 PRO, Industrial Thin Client, 22" widescreen TFT display, capacitive touch sensor, Supported protocols: RDP, VNC, SMARTSERVER, HTML5, etc., standard design, prepared for support arm without expansion elements



General information	
Product type designation	ITC2200 V3
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	21.5 in; 22"
Display width	475.2 mm
Display height	267.3 mm
Number of colors	16 777 216
Resolution (pixels)	
• Image resolution	1 920 x 1 080
• Horizontal image resolution	1 920 Pixel
• Vertical image resolution	1 080 Pixel
General features	
• non-reflective and tempered mineral glass screen	Yes
• Detachable from computer unit	100 m
Backlighting	
• Type of backlighting	LED, dimmable

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

Control elements

Control elements	multi-touch screen
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Touch operation

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

Installation type/mounting

Design	Support arm mounting
Front mounting	No
Support arm mounting	Yes; Suitable for support arm without extension components
Stand mounting	No
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	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 ² t	0.5 A ² ·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
USB on the rear	Yes; 2x onboard
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
Protocols (terminal link)	
• Sm@rtServer	Yes
• RDP	Yes
• VNC viewer	Yes
• Citrix	Yes
• SINUMERIK	Yes
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP65
NEMA (front)	
• Enclosure Type 4 at the front	Yes
• Enclosure Type 4x at the front	Yes
• Enclosure Type 12 at the front	Yes
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
FM approval	Yes
KC approval	Yes
Use in hazardous areas	
• 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
Marine approval	
• 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 ²
• Vibration load during transport/storage	10 m/s ²

Shock testing	
• Shock load during operation	150 m/s ²
• shock acceleration during storage/transport	150 m/s ²

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

USB memory	Yes; USB storage medium can be connected
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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
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last modified:

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