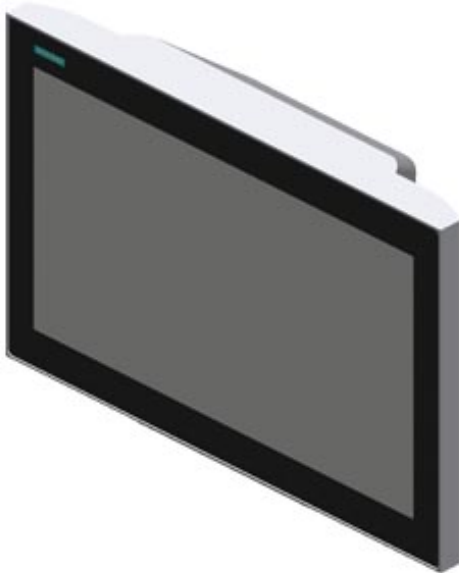


SIMATIC ITC1500 V3 PRO, Industrial Thin Client, 15" widescreen TFT display, capacitive touch sensor, Supported protocols: RDP, VNC, Smart Server, HTML5, etc., standard design, supporting foot mounting



General information

Product type designation	ITC1500 V3
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Display

Design of display	TFT widescreen display, LED backlighting
Screen diagonal	15.6 in
Display width	344.2 mm
Display height	193.5 mm
Number of colors	16 777 216

Resolution (pixels)

- | | |
|-------------------------------|-------------|
| • Horizontal image resolution | 1 366 Pixel |
| • Vertical image resolution | 768 Pixel |

General features

- | | |
|--|-----|
| • non-reflective and tempered mineral glass screen | Yes |
|--|-----|

Backlighting

- | | |
|--------------------------------|-------------------|
| • Type of backlighting | LED, dimmable |
| • MTBF backlighting (at 25 °C) | 50 000 h; At 25°C |
| • Backlight dimmable | Yes |

Control elements	
Control elements	Touch screen
Touch operation	
<ul style="list-style-type: none"> • Design as touch screen 	Yes
<ul style="list-style-type: none"> • Design as multi-touch screen 	Yes; Projective-capacitive
<ul style="list-style-type: none"> • Monitor keyboard 	Yes
Installation type/mounting	
Design	Pedestal mounting
Rack mounting	No
Support arm mounting	No
Stand mounting	Yes; Prepared for pedestal and extension components
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)	1.4 A
Starting current inrush I ² t	0.5 A ² ·s
Power	
Active power input, typ.	34 W
Interfaces	
Number of industrial Ethernet interfaces	2; 2 ports (switch)
Number of USB interfaces	4; on rear
Connection for keyboard/mouse	USB
Industrial Ethernet	
<ul style="list-style-type: none"> • Transmission rate, max. 	1 000 Mbit/s
Protocols	
Protocols (Ethernet)	
<ul style="list-style-type: none"> • TCP/IP 	Yes
<ul style="list-style-type: none"> • DHCP 	Yes
<ul style="list-style-type: none"> • SNMP 	Yes
<ul style="list-style-type: none"> • DCP 	Yes
<ul style="list-style-type: none"> • LLDP 	Yes
WEB characteristics	
<ul style="list-style-type: none"> • HTTP 	Yes
<ul style="list-style-type: none"> • 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)	IP20
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
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	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/s²
- Vibration load during transport/storage 10 m/s²

Shock testing

- Shock load during operation 150 m/s²
- shock acceleration during storage/transport 150 m/s²

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	396 mm
Height of housing front	256 mm; Without basic adapter
Overall depth	101 mm; Without basic adapter

Weights

Weight without packaging

6.3 kg

last modified:

08/19/2020