

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



Figure similar

General information	
Product type designation	ITC1500 V3
Short designation	SIMATIC ITC1500 V3
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

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

### Installation type/mounting

Design	Pedestal mounting
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 <sup>2</sup> t	0.5 A <sup>2</sup> ·s

### Power

Active power input, typ.	34 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
<b>Ambient conditions</b>	

<b>Ambient temperature during operation</b>	
• min.	0 °C
• max.	45 °C
<b>Ambient temperature during storage/transportation</b>	
• min.	-20 °C
• max.	60 °C
<b>Relative humidity</b>	
• Operation, max.	90 %; no condensation
<b>Vibrations</b>	
• Vibration load in operation	10 m/s <sup>2</sup>
• Vibration load during transport/storage	10 m/s <sup>2</sup>
<b>Shock testing</b>	
• Shock load during operation	150 m/s <sup>2</sup>
• Shock load during transport/storage	150 m/s <sup>2</sup>
<b>Software</b>	
Web browser	Yes; HTML5, CSS
PDF reader	Yes
<b>Configuration</b>	
<b>Configuration</b>	
• Local	Yes
• Remote	Yes; Via web page
<b>Languages</b>	
<b>Online languages</b>	
• Number of online/runtime languages	2; german / english
<b>Peripherals/Options</b>	
Printer	No
USB memory	Yes; USB storage medium can be connected
Additional software components loadable	No
<b>Mechanics/material</b>	
<b>Enclosure material (front)</b>	
• Aluminum	Yes
<b>Dimensions</b>	
Width of the housing front	396 mm
Height of housing front	256 mm; Without basic adapter
Overall depth	101 mm; Without basic adapter
<b>Weights</b>	
Weight without packaging	6.3 kg
<b>last modified:</b>	05/07/2020