



Figure similar

SIMATIC ITC1500 V3 PRO, industrial thin client, 15" widescreen TFT display, capacitive touch sensor supported protocols: RDP, VNC, SmartServer HTML5 and others, neutral design, prepared for support arm without expansion elements

General information	
Product type designation	ITC1500 V3 PRO
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	
• MTBF backlighting (at 25 °C)	50 000 h; At 25°C
• Backlight dimmable	Yes; LED, dimmable
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 without 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)	1.8 A
Current consumption, max.	2.2 A
Starting current inrush I ² t	0.5 A ² ·s
Power	
Active power input, typ.	43.2 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 • DHCP • SNMP • DCP • LLDP 	Yes Yes Yes Yes Yes
WEB characteristics	
<ul style="list-style-type: none"> • HTTP • HTTPS • HTML • XML • CSS • JavaScript • Java VM 	Yes Yes Yes; HTML5 Yes Yes Yes No
Protocols (terminal link)	
<ul style="list-style-type: none"> • Sm@rtServer • RDP • VNC viewer • Citrix • SINUMERIK 	Yes Yes Yes Yes Yes
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP65
NEMA (front)	
<ul style="list-style-type: none"> • Enclosure Type 4x at the front • Enclosure Type 12 at the front 	Yes Yes
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
FM approval	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	No; in preparation
Use in hazardous areas	
<ul style="list-style-type: none"> • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 2 • IECEx Zone 22 • cULus Class I Zone 2, Division 2 • FM Class I Division 2 	Yes Yes Yes Yes Yes Yes
Marine approval	
<ul style="list-style-type: none"> • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK) • Polski Rejestr Statkow (PRS) • Chinese Classification Society (CCS) 	No No No No No No No No No
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> • min. • max. 	0 °C 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 / header	
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
Mechanics/material	
Enclosure material (front)	
• Aluminum	Yes
Dimensions	
Width of the housing front	396 mm
Height of housing front	255 mm; Without basic adapter
Overall depth	101 mm; Without basic adapter
Weights	
Weight (without packaging)	6.3 kg

	Version	Classification
eClass	14	19-20-01-03
eClass	12	19-20-01-03
eClass	9.1	19-20-01-03
eClass	9	19-20-01-03
eClass	8	27-24-23-01
eClass	7.1	27-24-23-01
eClass	6	27-24-23-01
ETIM	9	EC001414
ETIM	8	EC001414
ETIM	7	EC001414

Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)

[Miscellaneous](#)



General Product Approval For use in hazardous locations

[KC](#)



[EM](#)

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