



Figure similar

SIMATIC ITC1500 V3 PRO, industrial thin client, 15" widescreen TFT display, capacitive touch sensor supported protocols: RDP, VNC, SmartServer HTML5 and others, standard 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	1 920 pixel
• Vertical image resolution	1 080 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 <sup>2</sup> t	0.5 A <sup>2</sup> ·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
<b>Industrial Ethernet</b>	
<ul style="list-style-type: none"> <li>• Transmission rate, max.</li> </ul>	1 000 Mbit/s
<b>Protocols</b>	
<b>Protocols (Ethernet)</b>	
<ul style="list-style-type: none"> <li>• TCP/IP</li> <li>• DHCP</li> <li>• SNMP</li> <li>• DCP</li> <li>• LLDP</li> </ul>	Yes Yes Yes Yes Yes
<b>WEB characteristics</b>	
<ul style="list-style-type: none"> <li>• HTTP</li> <li>• HTTPS</li> <li>• HTML</li> <li>• XML</li> <li>• CSS</li> <li>• JavaScript</li> <li>• Java VM</li> </ul>	Yes Yes Yes; HTML5 Yes Yes Yes No
<b>Protocols (terminal link)</b>	
<ul style="list-style-type: none"> <li>• Sm@rtServer</li> <li>• RDP</li> <li>• VNC viewer</li> <li>• Citrix</li> <li>• SINUMERIK</li> </ul>	Yes Yes Yes Yes Yes
<b>Degree and class of protection</b>	
IP (at the front)	IP65
IP (rear)	IP65
NEMA (front)	
<ul style="list-style-type: none"> <li>• Enclosure Type 4x at the front</li> <li>• Enclosure Type 12 at the front</li> </ul>	Yes 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)	No; in preparation
<b>Use in hazardous areas</b>	
<ul style="list-style-type: none"> <li>• ATEX Zone 2</li> <li>• ATEX Zone 22</li> <li>• IECEx Zone 2</li> <li>• IECEx Zone 22</li> <li>• cULus Class I Zone 2, Division 2</li> <li>• FM Class I Division 2</li> </ul>	Yes Yes Yes Yes Yes Yes
<b>Marine approval</b>	
<ul style="list-style-type: none"> <li>• Germanischer Lloyd (GL)</li> <li>• American Bureau of Shipping (ABS)</li> <li>• Bureau Veritas (BV)</li> <li>• Det Norske Veritas (DNV)</li> <li>• Korean Register of Shipping (KRS)</li> <li>• Lloyds Register of Shipping (LRS)</li> <li>• Nippon Kaiji Kyokai (Class NK)</li> <li>• Polski Rejestr Statkow (PRS)</li> <li>• Chinese Classification Society (CCS)</li> </ul>	No No No No No No No No No
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
<ul style="list-style-type: none"> <li>• min.</li> <li>• max.</li> </ul>	0 °C 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 acceleration during storage/transport	150 m/s <sup>2</sup>
<b>Software</b>	
Web browser	Yes; HTML5, CSS
PDF reader	Yes
<b>configuration / header</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>	
USB memory	Yes; USB storage medium can be connected
<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	255 mm; Without basic adapter
Overall depth	101 mm; Without basic adapter
<b>Weights</b>	
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](#)

---

last modified:

3/28/2025 