



\*\*\* spare part \*\*\* \*\*spare part\*\*\* SIMATIC ITC1900 V3 PRO, industrial thin client, 19" widescreen TFT display, capacitive touch sensor, supported protocols: RDP, VNC, SmartServer HTML5 and others standard design, stand mounting

General information	
Product type designation	ITC1900 V3 PRO
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	18.5 in; 19"
Display width	409.8 mm
Display height	230.4 mm
Number of colors	16 777 216
Resolution (pixels)	
• Image resolution	1 366 x 768
• Horizontal image resolution	1 366 pixel
• Vertical image resolution	768 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)	50 000 h; At 25°C
• Backlight dimmable	Yes
Control elements	
Control elements	multi-touch screen
Touch operation	
• Design as touch screen	Yes
• Design as multi-touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes
Installation type/mounting	
Design	Pedestal mounting
Front 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	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
<b>Power</b>	
Active power input, typ.	34 W
<b>Power loss</b>	
Power loss, typ.	34 W
<b>Interfaces</b>	
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
<b>Industrial Ethernet</b>	
• Transmission rate, max.	1 000 Mbit/s
<b>Protocols</b>	
<b>Protocols (Ethernet)</b>	
• TCP/IP	Yes
• DHCP	Yes
• SNMP	Yes
• DCP	Yes
• LLDP	Yes
<b>WEB characteristics</b>	
• 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
IP (rear)	IP20
NEMA (front)	NEMA 4x (when installed)
• 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>		
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 <sup>2</sup>	
• Vibration load during transport/storage	10 m/s <sup>2</sup>	
Shock testing		
• 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</b>		
Configuration		
• Local	Yes	
• Remote	Yes; Via web page	
<b>Languages</b>		
Online languages		
• 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>		
Enclosure material (front)		
• Aluminum	Yes	
<b>Dimensions</b>		
Width of the housing front	462 mm	
Height of housing front	293 mm; Without basic adapter	
<b>Weights</b>		
Weight (without packaging)	7.4 kg	
<b>Classifications</b>		
	<b>Version</b>	<b>Classification</b>
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	10	EC001414
ETIM	9	EC001414
ETIM	8	EC001414
ETIM	7	EC001414
IDEA	4	6607

Approvals / Certificates

General Product Approval



[Miscellaneous](#)

[Manufacturer Declaration](#)



General Product Approval

EMV



[China RoHS](#)



last modified:

7/1/2025