

SIMATIC ITC1200 V3 PRO, industrial thin client, 12" widescreen TFT display, capacitive touch sensor, supported protocols: RDP, VNC, SmartServer HTML5 and others, standard design, prepared for support arm with expansion elements

General information	
Product type designation	ITC1200 V3 PRO
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	12.1 in
Display width	261 mm
Display height	163 mm
Number of colors	16 777 216
Resolution (pixels)	
• Horizontal image resolution	1 280 pixel
• Vertical image resolution	800 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 and extension components (please refer to manual)
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)	1.3 A
Current consumption, max.	1.6 A
Starting current inrush I ² t	0.5 A ² ·s
Power	
Active power input, typ.	31.2 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	
• Transmission rate, max.	1 000 Mbit/s
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
• 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)	IP65
NEMA (front)	
• 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)	No; in preparation
Use in hazardous areas	
• ATEX Zone 2	Yes
• ATEX Zone 22	Yes
• IECEx Zone 2	Yes
• IECEx Zone 22	Yes
• cULus Class I Zone 2, Division 2	Yes
• FM Class I Division 2	Yes
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/s ²
• Vibration load during transport/storage	10 m/s ²

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			
USB memory		Yes; USB storage medium can be connected	
Mechanics/material			
Enclosure material (front)			
• Aluminum		Yes	
Dimensions			
Width of the housing front		313 mm	
Height of housing front		225 mm; Without basic adapter	
mounting depth		163 mm; Without basic adapter	
Weights			
Weight (without packaging)		4.9 kg	
Classifications			
		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	10	EC001414
	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	
	China RoHS	CCC-Ex	
			
			Miscellaneous
For use in hazardous locations			



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last modified:

7/1/2025 