

SIMATIC ITC1200 V3 PRO, industrial thin client, 12" widescreen TFT display, capacitive touch sensor, supported protocols: RDP, VNC, SmartServer HTML5 and others, standard design, stand mounting

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	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)	1.3 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 • shock acceleration during storage/transport		150 m/s ²																																				
		150 m/s ²																																				
Software																																						
Web browser	Yes; HTML5, CSS																																					
PDF reader	Yes																																					
Configuration																																						
Configuration																																						
• Local • Remote	Yes																																					
	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																																					
Overall depth	101 mm; Without basic adapter																																					
Weights																																						
Weight (without packaging)	5 kg																																					
Classifications																																						
		<table><tr><th></th><th>Version</th><th>Classification</th></tr><tr><td>eClass</td><td>14</td><td>19-20-01-03</td></tr><tr><td>eClass</td><td>12</td><td>19-20-01-03</td></tr><tr><td>eClass</td><td>9.1</td><td>19-20-01-03</td></tr><tr><td>eClass</td><td>9</td><td>19-20-01-03</td></tr><tr><td>eClass</td><td>8</td><td>27-24-23-01</td></tr><tr><td>eClass</td><td>7.1</td><td>27-24-23-01</td></tr><tr><td>eClass</td><td>6</td><td>27-24-23-01</td></tr><tr><td>ETIM</td><td>10</td><td>EC001414</td></tr><tr><td>ETIM</td><td>9</td><td>EC001414</td></tr><tr><td>ETIM</td><td>8</td><td>EC001414</td></tr><tr><td>ETIM</td><td>7</td><td>EC001414</td></tr></table>		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
	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																																					
KC																																						
																																						
																																						
For use in hazardous locations																																						
FM	CCC-Ex																																					

last modified:

2/11/2025 