

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

6AV6646-1AA22-0AX0

Siemens official documentation for the exact article number.

Source: 6AV6646-1AA22-0AX0.pdf

Selected official Siemens pages follow this cover.

SIMATIC ITC1200, INDUSTRIAL THIN CLIENT, 12" WIDESCREEN-TFT-DISPLAY, TOUCH OPERATION, SUPPORTED PROTOCOLS: RDP, VNC, SMARTSERVER, WEB



General information

Product type designation	ITC1200
--------------------------	---------

Display

Design of display	TFT widescreen display, LED backlighting
Screen diagonal	12.1 in
Display width	261.1 mm
Display height	163.2 mm
Number of colors	16 777 216

Resolution (pixels)

- | | |
|-------------------------------|-------------|
| • Horizontal image resolution | 1 280 Pixel |
| • Vertical image resolution | 800 Pixel |

Backlighting

- | | |
|------------------------|---------------|
| • Type of backlighting | LED, dimmable |
| • Backlight dimmable | Yes; 5-100 % |

Control elements

Touch operation

- | | |
|--------------------------|-----|
| • Design as touch screen | Yes |
| • Monitor keyboard | Yes |

Installation type/mounting	
Built-in unit	Yes
Supply voltage	
Type of supply voltage	24 V DC
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption, max.	1.2 A
Starting current inrush I _{2t}	0.5 A ² ·s
Interfaces	
Number of industrial Ethernet interfaces	1
Number of USB interfaces	2; 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
• HTML	Yes; HTML5
• XML	Yes
• CSS	Yes
• JavaScript	Yes
Protocols (terminal link)	
• Sm@rtServer	Yes
• RDP	Yes
• VNC viewer	Yes
• Citrix	No
• SINUMERIK	Yes
Degree and class of protection	
IP (at the front)	IP65
IP20 rear	Yes
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes

RCM (formerly C-TICK)	Yes
KC approval	Yes
Use in hazardous areas	
• cULus Class I Zone 1	No
• cULus Class I Zone 2, Division 2	Yes; Available soon
• FM Class I Division 2	Yes; Available soon
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	50 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	
• Operation, max.	90 %
Software	
Web browser	Yes
PDF reader	Yes
Configuration	
Configuration	
• Local	Yes
• Remote	Yes; With Remote Configuration Center (RCC) as of V2.0
Languages	
Online languages	
• Number of online/runtime languages	2; german / english
Peripherals/Options	
Peripherals	
• Printer	No
• USB memory	Yes; USB storage medium can be connected
Additional software components loadable	No
Mechanics/material	
Enclosure material (front)	
• Aluminum	Yes
Dimensions	
Width of the housing front	330 mm
Height of housing front	241 mm
Mounting cutout, width	310 mm
Mounting cutout, height	221 mm
Overall depth	82 mm

Weights	
Weight without packaging	3.4 kg
Weight incl. packaging	4.1 kg
last modified:	11/28/2017 