

SIMATIC THIN CLIENT (HARDWARE) 10" TOUCH, THIN CLIENT, 10" TFT DISPLAY, 64K COLORS, CLIENT: SMARTACCESS, RDP, WEB



General information	
Customer-specific configuration	No
Display	
Design of display	TFT
Screen diagonal	10.4 in
Color display	Yes
Number of colors	65 536
Resolution (pixels)	
• Horizontal image resolution	640 Pixel
• Vertical image resolution	480 Pixel
Backlighting	
• MTBF backlighting (at 25 °C)	50 000 h
Control elements	
Control elements	Touch screen
Keyboard fonts	
• System keys	No
• alphanumeric keyboard	No
Touch operation	

<ul style="list-style-type: none"> <li>• Design as touch screen</li> </ul>	Yes; analog, resistive
<b>Connection type</b>	
<ul style="list-style-type: none"> <li>• Connection for mouse/keyboard/barcode reader</li> </ul>	USB / USB
<b>Installation type/mounting</b>	
maximum permissible angle of inclination without external ventilation	35°
<b>Supply voltage</b>	
Type of supply voltage	DC
<b>Input current</b>	
Starting current inrush I <sup>2</sup> t	1 A <sup>2</sup> ·s
<b>Processor</b>	
Processor type	ARM, 266 MHz
<b>Memory</b>	
Type of memory	Flash / RAM
<b>Interfaces</b>	
Interfaces/bus type	1 x Ethernet (RJ45)
Number of RS 485 interfaces	0
Number of USB interfaces	1
With software interfaces	No
<b>Industrial Ethernet</b>	
<ul style="list-style-type: none"> <li>• Industrial Ethernet interface</li> <li>• Industrial Ethernet status LED</li> </ul>	1 x Ethernet (RJ45) 2
<b>Protocols</b>	
Supports protocol for PROFINET IO	Yes
PROFIsafe	No
PROFIBUS	No
<b>Protocols (Ethernet)</b>	
<ul style="list-style-type: none"> <li>• TCP/IP</li> </ul>	Yes
<b>WEB characteristics</b>	
<ul style="list-style-type: none"> <li>• HTTP</li> <li>• HTML</li> <li>• XML</li> <li>• CSS</li> <li>• JavaScript</li> </ul>	Yes Yes Yes Yes Yes
<b>Protocols (terminal link)</b>	
<ul style="list-style-type: none"> <li>• Sm@rtServer</li> <li>• RDP</li> </ul>	Yes Yes
<b>Further protocols</b>	
<ul style="list-style-type: none"> <li>• EtherNet/IP</li> </ul>	No

- MODBUS
- other bus systems

No

Yes

## EMC

Emission of radio interference acc. to EN 55 011

- Limit class A, for use in industrial areas

Yes; EN 61000-6-4, interference emission: Intended for use in industrial areas.

## Degree and class of protection

IP (at the front)

IP54

NEMA (front)

NEMA 12 (when installed)

IP (rear)

IP20

## Standards, approvals, certificates

Certifications

CE, cULus, C-TICK, NEMA 12 (when installed: IP54, enclosure type 12; optional IP65, enclosure type 4X/type 12 (6AV6671-6AP00-0AX0))

cULus

Yes

EMC

The product is designed for use in industrial environments. When used in residential areas, the emission of radio interference according to limit class B of EN 55011 must be ensured. For further information refer to the user documentation

Suitable for safety functions

No

## 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.

85 %; Storage

## Configuration

Recipe management

No

## Languages

Online languages

- Number of online/runtime languages

2

## Peripherals/Options

Additional software components loadable

No

## Dimensions

Width of the housing front

325 mm

Height of housing front

263 mm

Mounting cutout, width

309 mm

Mounting cutout, height	247 mm
Overall depth	65 mm
<b>Weights</b>	
Weight (without packaging)	2.2 kg
<b>last modified:</b>	08/12/2017