

SIMATIC ITC1900 stainless steel front, Industrial Thin Client, 19" widescreen TFT display, Touch operation, Supported protocols: RDP, VNC, SMARTSERVER, Web



General information	
Product type designation	ITC1900 INOX
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	18.5 in
Display width	409.8 mm
Display height	230.4 mm
Number of colors	16 777 216
Resolution (pixels)	
• Horizontal image resolution	1 366 pixel
• Vertical image resolution	768 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	
Front mounting	Yes
Support arm mounting	No
Stand mounting	No
Built-in unit	Yes
Supply voltage	
Type of supply voltage	DC
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption, max.	1.3 A
Starting current inrush I <sub>t</sub>	0.5 A <sup>2</sup> ·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
<b>WEB characteristics</b>	
• HTTP	Yes
• HTML	Yes; HTML5
• XML	Yes
• CSS	Yes
• JavaScript	Yes
<b>Protocols (terminal link)</b>	
• Sm@rtServer	Yes
• RDP	Yes
• VNC viewer	Yes
• Citrix	No
• SINUMERIK	Yes
<b>Degree and class of protection</b>	
IP (at the front)	IP66K
IP (rear)	IP20
NEMA (front)	
• Enclosure Type 4x at the front	Yes; indoor use only
<b>Standards, approvals, certificates</b>	
CE mark	Yes
cULus	Yes
<b>Use in hazardous areas</b>	
• ATEX Zone 2	Yes
• ATEX Zone 22	Yes
• IECEx Zone 2	Yes
• IECEx Zone 22	Yes
• cULus Class I Zone 1	No
• cULus Class I Zone 2, Division 2	Yes
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
• min.	0 °C
• max.	45 °C
<b>Ambient temperature during storage/transportation</b>	
• min.	-20 °C
• max.	60 °C
<b>Relative humidity</b>	
• Operation, max.	70 %
<b>Software</b>	
Web browser	Yes
PDF reader	Yes
<b>configuration / header</b>	
<b>Configuration</b>	
• Local	Yes
• Remote	Yes; With Remote Configuration Center (RCC) as of V2.0
<b>Languages</b>	
<b>Online languages</b>	
• 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>	
<b>Enclosure material (front)</b>	
• Aluminum	No
• Stainless steel	Yes
<b>Dimensions</b>	
Width of the housing front	483 mm
Height of housing front	337 mm

Mounting cutout, width	465 mm
Mounting cutout, height	319 mm
Overall depth	73 mm
<b>Weights</b>	
Weight (without packaging)	8.5 kg
Weight (with packaging)	9.1 kg

**last modified:** 9/15/2021 