SIEMENS

Data sheet

 *** spare part *** SIMATIC ITC 1900, Industrial Thin Client, 19" widescreen TFT display, touch operation, supported protocols: RDP, VNC, SmartServer, web



Product type designation Display Design of display Screen diagonal 18.5 in; 19" Supplay width 409.8 mm Display height 230.4 mm Number of colors 16 777 216 Resolution (pixels) I mage resolution I mage res	General information	
Design of display Screen diagonal Screen diagonal 13.5 in; 19° Display width 409.8 mm Display height 230.4 mm Number of colors 16777 216 Resolution (pixels) • Image resolution • Vertical image resolution • Detachable from computer unit Backlighting • 1 Type of backlighting • 1 Type of backlighting • 1 Type of backlighting • Sacklight dimmable Control elements Touch operation • Design as touch screen • Monitor keyboard Yes Installation type/mounting Design Built-in unit Front mounting No Stand mounting No Stand mounting No Stand mounting No Stand mounting No Stand mounting DC Rated value (DC) permissible range, lower limit (DC) permissible range, upper limit (DC) Input current Current consumption, max 1.3 A Starting current inrush I*t Interfaces Number of Industrial Ethemet interfaces 1 Number of USB interfaces 1 Number of USB interfaces 2; on rear	Product type designation	ITC1900
Screen diagonal 18.5 in; 19"	Display	
Display width 200,4 mm 200,	Design of display	TFT widescreen display, LED backlighting
Display height	Screen diagonal	18.5 in; 19"
Number of colors Resolution (pixels) Image resolution Horizontal image resolution Vertical image resolution Peach packing the process of th	Display width	409.8 mm
Resolution (pixels) Image resolution	Display height	230.4 mm
Image resolution	Number of colors	16 777 216
Horizontal image resolution Vertical image resolution Pase pixel General features Detachable from computer unit Backlighting Type of backlighting EBacklight dimmable Backlight dimmable Backlight dimmable Pes; 5-100 % Control elements Single-touch screen Design Suburb screen Monitor keyboard Pesign Built-in unit Front mounting Pesign Built-in unit Pront mounting No Stand mounting No Built-in unit Pes Support arm mounting No Built-in unit Pes Support arm founting Design Built-in unit Pes Support arm mounting No Built-in unit Pes Support support sing DC Rated value (DC) 24 V Permissible range, lower limit (DC) 19.2 V Permissible range, lower limit (DC) 28.8 V Input current Current consumption, max. 1.3 A Starting current innush Pt Interfaces Number of industrial Ethernet interfaces 1 Number of USB interfaces 2; on rear	Resolution (pixels)	
Vertical image resolution General features Detachable from computer unit Backlighting Type of backlighting Backlight dimmable Design as touch screen Monitor keyboard Person mounting Support arm mounting Design Built-in unit Front mounting Design Built-in unit Front mounting Design Built-in unit Front mounting Design Built-in unit Person mounting Design No Stand mounting No Stand mounting No Stand mounting Design Type of supply voltage Type of supply voltage DC Rated value (DC) Demissible range, lower limit (DC) Demissible range, upper limit (DC) Design Severage DC Design Severage DC DC Demissible range, upper limit (DC) Design Severage DC Design Severage DC DC DESIGN Severage DC	 Image resolution 	1 366 x 768
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Backlight dimmable Control elements Control elements Touch operation • Design as touch screen Yes • Monitor keyboard Pesign Built-in unit Front mounting Support arm mounting No Stand mounting No Built-in unit Yes Supply voltage Type of supply voltage Rated value (DC) permissible range, lower limit (DC) permissible range, upper limit (DC) permissible range, upper limit (DC) Input current Current consumption, max. Starting current inrush ²t 1 0.5 A²-s Interfaces Number of industrial Ethernet interfaces 1 Number of USB interfaces 1 Single vouch screen Yes Single-touch screen Yes Single-touch screen Yes Sullt-in unit Yes Built-in unit Yes Supply voltage DC Rated value (DC) 24 V permissible range, lower limit (DC) 19.2 V permissible range, upper limit (DC) 28.8 V Interfaces Number of industrial Ethernet interfaces 1 Number of USB interfaces 1 Number of USB interfaces 2; on rear	Backlighting	
Control elements Control elements Single-touch screen Touch operation Design as touch screen Monitor keyboard Pes Built-in unit Front mounting Support arm mounting No Stand mounting No Built-in unit Yes Supply voltage Type of supply voltage Rated value (DC) permissible range, lower limit (DC) permissible range, upper limit (DC) permissible range, upper limit (DC) permissible range, upper limit (DC) permissible range upper limit (DC) Stand mounting DC Rated value (DC) permissible range upper limit (DC) pe	 Type of backlighting 	LED, dimmable
Control elements single-touch screen Touch operation Design as touch screen Yes Monitor keyboard Yes Installation type/mounting Design Built-in unit Front mounting Yes Support arm mounting No Stand mounting No Built-in unit Yes Supply voltage Type of supply voltage Type of supply voltage 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, max. 1.3 A Starting current inrush IPt 0.5 A²-s Interfaces Number of industrial Ethernet interfaces 1 Number of USB interfaces 2; on rear	Backlight dimmable	Yes; 5-100 %
Touch operation Design as touch screen Monitor keyboard Yes Installation type/mounting Design Built-in unit Front mounting Yes Support arm mounting No Stand mounting No Built-in unit Yes Supply voltage Type of supply voltage Type of supply voltage Type of supply roltage Type of supply	Control elements	
Design as touch screen Monitor keyboard Yes Installation type/mounting Design Built-in unit Front mounting Yes Support arm mounting No Stand mounting No Built-in unit Yes Supply voltage Type of supply voltage Type of supply voltage Rated value (DC) permissible range, lower limit (DC) permissible range, upper limit (DC) permissible range, upper limit (DC) permissible range, upper limit (DC) 13. A Starting current Current consumption, max. Starting current inrush I²t 1.3 A Starting current inrush I²t Number of industrial Ethernet interfaces Number of USB interfaces 1 Number of USB interfaces 2; on rear	Control elements	single-touch screen
Monitor keyboard Yes Installation type/mounting Built-in unit	Touch operation	
Design	 Design as touch screen 	Yes
Design Built-in unit Front mounting Yes Support arm mounting No Stand mounting No Built-in unit Yes Supply voltage Type of supply voltage Type of supply voltage 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, max. 1.3 A Starting current inrush I²t 0.5 A²-s Interfaces Number of industrial Ethernet interfaces 1 Number of USB interfaces 2; on rear	 Monitor keyboard 	Yes
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Built-in unit Supply voltage Type of supply voltage Rated value (DC) permissible range, lower limit (DC) permissible range, upper limit (DC) permissible range, upper limit (DC) 28.8 V Input current Current consumption, max. Starting current inrush I²t 0.5 A² s Interfaces Number of industrial Ethernet interfaces 1 Number of USB interfaces 2; on rear	Support arm mounting	No
Type of supply voltage Rated value (DC) Permissible range, lower limit (DC) Permissible range, upper limit (DC) Permis	Stand mounting	No
Type of supply voltage Rated value (DC) permissible range, lower limit (DC) permissible range, upper limit (DC) permissible range, upper limit (DC) 28.8 V Input current Current consumption, max. Starting current inrush I²t 1.3 A Starting current inrush I²t Interfaces Number of industrial Ethernet interfaces 1 Number of USB interfaces 2; on rear	Built-in unit	Yes
Rated value (DC) permissible range, lower limit (DC) permissible range, upper limit (DC) 28.8 V Input current Current consumption, max. Starting current inrush I²t Interfaces Number of industrial Ethernet interfaces 1 Number of USB interfaces 24 V 28.8 V 19.2 V 28.8 V Input current 1.3 A 0.5 A²-s Interfaces 1 2; on rear	Supply voltage	
permissible range, lower limit (DC) permissible range, upper limit (DC) 28.8 V Input current Current consumption, max. Starting current inrush I²t 0.5 A²-s Interfaces Number of industrial Ethernet interfaces 1 Number of USB interfaces 2; on rear	Type of supply voltage	DC
permissible range, upper limit (DC) Input current Current consumption, max. Starting current inrush I²t Interfaces Number of industrial Ethernet interfaces Number of USB interfaces 2; on rear	Rated value (DC)	24 V
Input current Current consumption, max. Starting current inrush I²t Interfaces Number of industrial Ethernet interfaces Number of USB interfaces 2; on rear	permissible range, lower limit (DC)	19.2 V
Current consumption, max. Starting current inrush I²t 0.5 A²·s Interfaces Number of industrial Ethernet interfaces 1 Number of USB interfaces 2; on rear	permissible range, upper limit (DC)	28.8 V
Starting current inrush I²t 0.5 A²-s Interfaces Number of industrial Ethernet interfaces 1 Number of USB interfaces 2; on rear	Input current	
Interfaces Number of industrial Ethernet interfaces 1 Number of USB interfaces 2; on rear	Current consumption, max.	1.3 A
Number of industrial Ethernet interfaces 1 Number of USB interfaces 2; on rear		0.5 A²·s
Number of USB interfaces 2; on rear	Interfaces	
·	Number of industrial Ethernet interfaces	1
LICP on the reer	Number of USB interfaces	2; on rear
USD OIL LIE TEAL	USB on the rear	Yes; 2x onboard

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
NIC viewer	Yes
VNC viewerCitrix	Yes No
SINUMERIK	No
Degree and class of protection	INU
IP (at the front)	IP65
IP (rear)	IP20
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.	45 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	00.0/
Operation, max. Software	90 %
Software Web browser	Vac
PDF reader	Yes Yes
configuration / header	160
Configuration / Header	
• 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	
USB memory	Yes; USB storage medium can be connected
Mechanics/material	
Enclosure material (front)	
Aluminum	Yes
Dimensions	
Width of the housing front	483 mm
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Height of housing front	337 mm
Mounting cutout, width	465 mm
Mounting cutout, height	319 mm
Overall depth	75 mm
Weights	
Weight (without packaging)	6.5 kg
Weight (with packaging)	7.1 kg

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