

INDUSTRIAL CONTROL



VISUALIZE

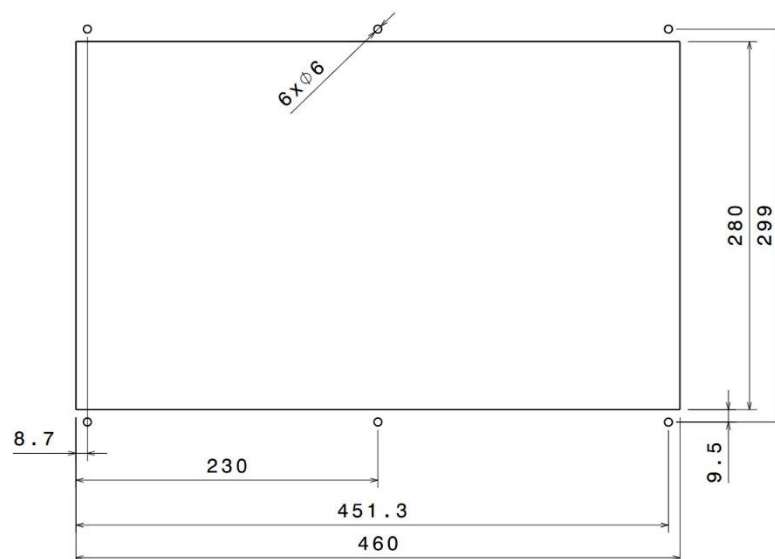


ITPC1185-20



- Fanless industrial Panel-PC with Intel Core i3, i5, i7 CPU
- 18.5", Full-HD
- 10point PCAP Touch
- IP65 Front
- Easy to assemble by 6x M5 bolts

ITPC1185-20 is a powerful and robust 18.5" Panel-PC, running Windows 11 (IoT) and Linux



recommended cut-out
TX-Team ITP1185 / ITPC1185
Panel-mount variant



INDUSTRIAL Panel-PC

ITPC1185-20

PN: TBD

Issued: 02/25

Status: released

Factsheet

Physical properties	
Display & Chassis	18.5" LED Display, PCAP 10 point Multitouch, 1920x1080px @ 60Hz (Full-HD), 300cd/m² typ. Brightness, 1000:1 typ. Contrast Full-aluminium chassis, frame 5mm thickness, Protective Glasfront (chemical resistant), Front IP65 protected
Dimensions	482,6x311x56 mm (WxDxH)
Cooling	Passive
Mounting options*	Panel-mount 19" mount optional, VESA mount optional Easy assembly by only 6 pre-assembled threaded bolts
Weight	4 kg
Hardware	
Formfactor	proprietary
CPU	Intel 300, Intel Core i3 14100, Intel Core i5 14500, Intel Core i7 14700 @35W TDP
RAM	4, 8, 16, 32, 64 GB DDR4
Storage	1x 250GB – 2TB m.2 SSD
Graphics	Intel HD, 1x DP: 4k@60Hz, 1x HDMI: 4k@60Hz
Communication	
WLAN*	802.11 b/g/n/ac + Bluetooth
LTE*	4G / 5G module
Others	n.a.
I/O	
I/O front	2x USB 2.0
I/O back	2x USB 3.2gen1, 2x USB 3.2gen 2x1, 2x RJ GLAN, 1x HDMI, 1x DP, 2x Audio
I/O internal**	4x USB 2.0, 1x LVDS, 1 RS232, 1x RS232/422/485, 2x SATA, 1x m.2 key E, 1x m.2 key M, 8x GPIO, 1x I2C/Smbus, 1x Frontpanel Header, 1x AT/ATX mode switch
Power supply	
PSU	150W external adapter
Power input	12V / 19..24V DC, 5.5x2.5 mm barrel plug, optional: PhoenixContact plug (shipped without PSU)
Redundancy	-
Power draw	Idle: ~10W, full-load: ~50W
Compatibility	
OS	Windows 10 / 11 (IoT), Linux
Others	-
Environment	
Operating temp. range / Humidity	0..50°C / 10...95%, non-condensing
Protection class	IP65 (front), IP50 (back)
Compliance	
Conformity	CE, RoHS, REACH
General	
Scope of delivery	Display, documentation, PSU, certificate of conformity
Language	EN, DE
Long-term-availability	Until 2030
Warranty	3 years, 4/5 years*
Country of Origin	Germany
Tariff code	84715000