

INDUSTRIAL COMPUTING



Visualize



Edge Computing

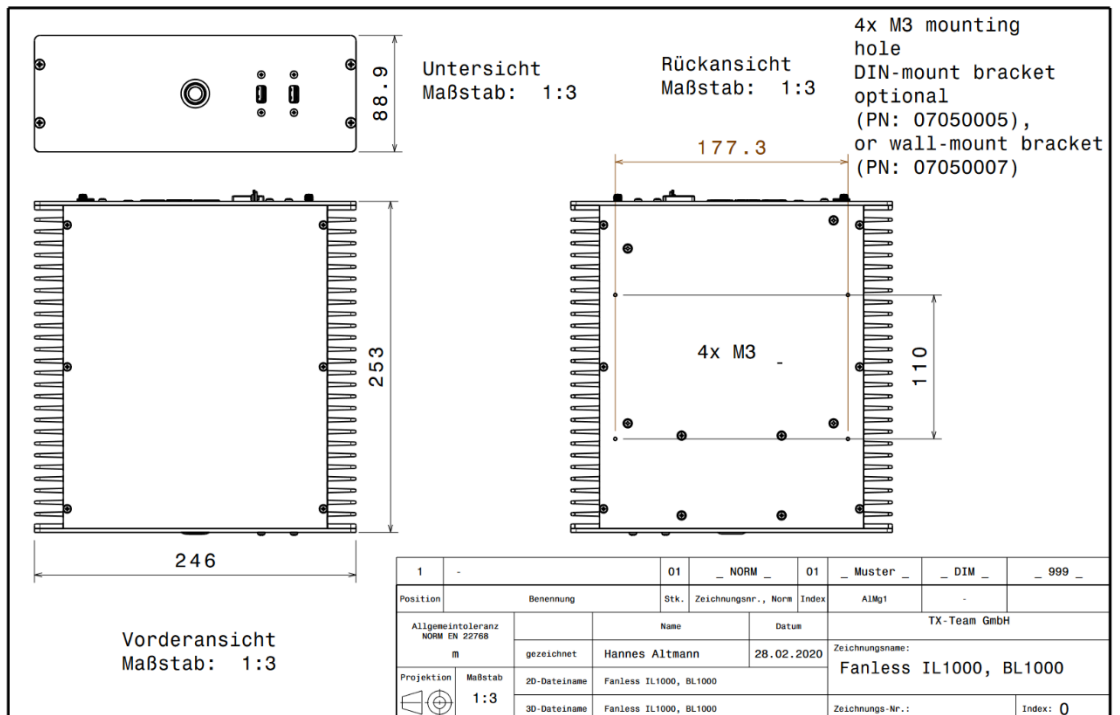


Fanless IL1020



- Scalable performance: Intel Core i3, i5, i7, i9
- 1x PCIe full-size
- Up to four independent Displays

Fanless IL1020 is a expandable HighEnd industrial computer



IPC
FANLESS IL1020

PN: 09030083

Issued: 03/23

Status: released

Factsheet

Physical properties	
Chassis	Full-metal aluminium construction, natural anodized
Dimensions	250x250x88 mm (WxDxH)
Cooling	Passive by heatpipes
Mounting options*	Mounting threads on the bottom, Wallmount bracket
Weight	3,0 kg
Hardware	
Formfactor	Mini-ITX
CPU	Intel Core i3 13100T, 4x 2.5 - 4.2 GHz Intel Core i5 13500T, 14x 1.6 - 4.6 GHz / 1.2 - 3.2 GHz (6x P.-Cores + 8x E.-Cores) Intel Core i7 13700T, 8x 1.4 - 4.8 GHz / 1.0 - 3.6 GHz (8x P.-Cores, + 8x E.-Cores) Intel Core i9 13900T, 24x 1.1 - 5.1 GHz / 0.8 - 3.9 GHz (8x P.-Cores + 16x E.-Cores)
RAM	4, 8, 16, 32, 64 GB DDR4
Storage	1x 60GB – 1TB m.2, 2x 250GB – 2TB 2.5"
Graphics	Intel HD, 2x HDMI, 2x Displayport
Communication	
WLAN*	802.11 b/g/n/ac + Bluetooth or AX module
LTE*	4G / 5G module
Others	-
I/O	
I/O front	2x USB 3.0 (+1x RS232 upon request)
I/O back	4x USB 3.2 gen2, 2x RJ GLAN, 2x HDMI, 2x Displayport, 2x Audio
I/O internal**	4x USB 2.0, 2x USB 3.0, 1x RS232, 2x SATA, 1x TPM, 1x PCIe x16, 1x m.2 2230
Power supply	
PSU	150W external adapter
Power input	12V DC-In, PhoenixContact plug Wide DC input optional
Redundancy	optional
Power draw	Idle: ~10W, full-load: ~45W
Compatibility	
OS	Windows 10 / 11 (IoT), Linux
Others	
Environment	
Operating temp. range / Humidity	0..50°C / 10...95%, non-condensing
Protection class	IP50
Compliance	
Conformity	CE, RoHS, REACH
General	
Scope of delivery	IPC, documentation, PSU, certificate of conformity
Language	EN, DE
Long-term-availability	Until 2028
Warranty	3 years, optional 4, 5 years*
Country of Origin	Germany
Tariff code	84715000

*Depending on actual system configuration / may require optional accessory

**Maybe occupied due to actual system configuration