

Security Applications



Networking



Edge Computing



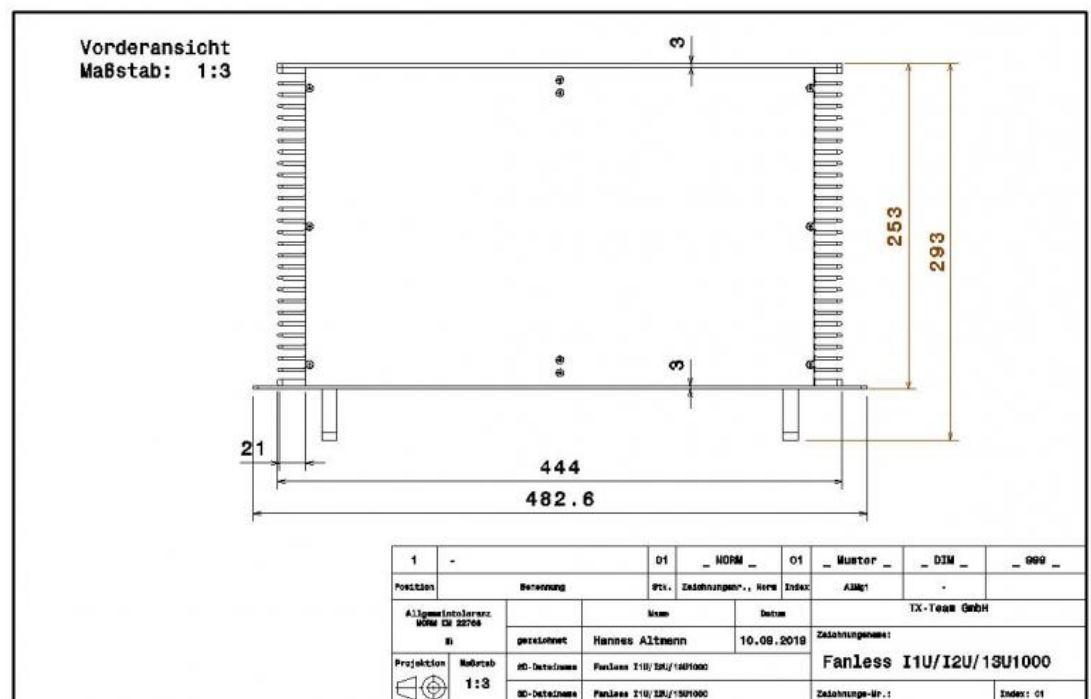
Fanless I1U1300-Firewall



- Completely made in Germany
Secure by Design
- Desktop or 19" / 1U
- 2x GLAN, 2-4x 10GLAN, 1x
Management Port (OpenBMC)

Fanless I1U1300 is an exceptional reliable
Desktop /19" Networking Appliance with „by-
design“ – Security Features.

Use cases are Firewall applications, industrial
edge computing and VPN





IPC
FANLESS I1U1300
Firewall

PN: TBD

Issued: 01/26
Status: released

Factsheet

Physical properties	
Chassis	Full-metal aluminium construction, natural anodized
Dimensions	482.6x253x44 mm (WxDxH)
Cooling	Passive by heatpipes
Mounting options	Desktop or 19" (assembly material in scope of delivery)
Weight	3,0 kg
Hardware	
Formfactor / Mainboard	µATX / Kontron K3881-C
CPU	Intel Pentium G7400, 2x 3.7 GHz Intel Xeon E-2434, 4x 3.4 – 5.0 GHz
RAM	8, 16, 32, 64, 128 GB DDR5 ECC (ECC is only applicable for Xeon CPU option)
Storage	1-2x 250GB-2TB m.2 /NVMe SSD, RAID option 1-2x 250GB – 2TB 2.5" SSD in hotplug bay, RAID option
Graphics	ASPEED 2600, 1x Displayport
Communication	
WLAN*	Intel AX200 WiFi/BT module
LTE*	4G/5G module
Others	Dual 10G NIC (RJ45 or SFP+) optional
I/O	
I/O front	1x RS232, 1x RJ45 (Mgm. LAN) 2x RJ45 (GLAN), 2x RJ45 (10GLAN), 1x Displayport, 2x USB 3.2 gen 1, 2x USB 3.2 gen2, 1x UID Button, 1x UID LED, 2x 2.5" hotplug bay
I/O back	2x DC-In barrel plug 5.5x2.5mm PhoenixPlug optional
I/O internal**	2x USB 3.2, 1x RS232, 4x SATA, 1x TPM, 1x PCIe x16, 1x m.2 2230, 1x m.2 3052, 2x m.2 22110, 1x SIM socket, 1x GPIO (8bit), 1x PMBus, 1x SMB
Power supply	
PSU	2x 150W external adapter
Power input	2x 12V redundant DC-In, barrel plug DC Wide-Input + PhoenixContact plug optional
Redundancy	yes
Power draw	Idle: ~10W, full-load: ~45W
Compatibility	
OS	Windows 10 / 11 (IoT), Linux, FreeBSD based OS
Others	
Environment	
Operating temp. range / Humidity	0..50°C / 10...95%, non-condensing
Protection class	IP50
Compliance	
Conformity	CE, RoHS, REACH, meet criteria for CRA and NIS2
General	
Scope of delivery	IPC, documentation, 2x PSU, certificate of conformity, rubber feet, 19" brackets
Language	EN, DE
Long-term-availability	Until 2029
Warranty	3 years, optional 4, 5 years*
Country of Origin	Germany
Tariff code	84715000

*Depending on actual system configuration / may require optional accessory