

InoGest® Copy-Station tXf-v3-L-AM5

Compact, actively cooled system for use as a copy station in the automotive environments with AMD® CPU

Features

- High-Performance with AMD® EPYC™/Ryzen™ CPUs
- Incl. QuickTray®-v3 with up to 240 TB
- Slim form factor, perfect for transportation
- Up to 2x 25 GBit LAN
- Hardware-based data encryption possible
- Optional Wi-Fi/Bluetooth/GNSS/LTE (5G on request)

Configuration example

Further configurations on request!

Mainboard:

Industrial Mainboard (mini-ITX), 24/7 operation, long-term available

Processor:

AMD® Ryzen™ 9000/8000/7000 or AMD® EPYC™ 4005/4004 series Socket AM5 up to 65 Watt TDP

Memory:

2x DDR5 DIMM, max. 5200 MHz max. 96 GB

Graphic:

AMD® RDNA™ 2 architecture (depending on CPU)

Drive Bays:

Internal
1x M.2 (M-key, type: 2242/2280)
External
2x 2.5" SATA-III SSD in shuttle QuickTray®-v3
Up to 240 TB, via RAID controller PCIe x8 (Gen 4), optional data encryption

I/O:

Back
2x 1 GBit LAN (RJ45)
2x 25 GBit LAN (SFP28), NVIDIA® ConnectX®-6 Lx, PCIe x8 (Gen 4)
Opt. 4x 1 GBit LAN (RJ45) with PoE
3x Display Port 1.2
6x USB 3.2 (Gen 2)
2x USB 2.0
2x Audio (Line-Out, Mic)
Internal
1x eDP
2x RS-232/422/485

Features:

Watchdog Timer, TPM 2.0

Operating System:

Microsoft® Windows® 10/11, Linux®

Power Supply:

12 ~ 48 VDC, 500 Watt NL4 connector (Neutrik) Efficiency >94%

Optional

11 ~ 30 VDC, 250/300 Watt NL4 connector (Neutrik), four-pin with ignition pin

Expansions:

1x M.2 (E-key, type: 2230)
1x M.2 (B-key, type: 3042/3052)
1x SIM slot

Mechanical:

Chassis
Robust 1 mm galvanized sheet steel with powder coating (On request: Intrusion Detection)
Dimensions (W x H x D)
215 x 224 x 303 mm
Cooling
Active, 2x 80 mm fans
Mounting
Wallmount, Desktop, 19" compatible (On request: two systems side by side)

Communication:

Wi-Fi/Bluetooth (optional)
Intel® M.2 Module 802.11ax Dual Band 2x2 160MHz Bluetooth® 5.1
GNSS/LTE (optional)
Support for GPS, GLONASS, BeiDou, Galileo, QZSS
Micro SIM slot for 3G/L4G (On request: 5G with additional antennas)

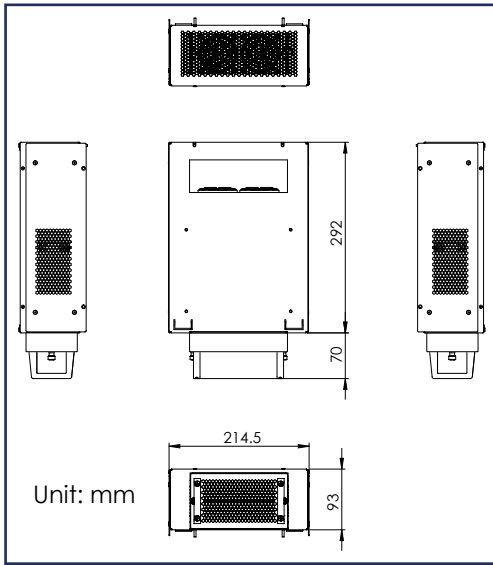
Environment:

Operating Temperature
0° ~ 55° C
Storage Temperature
-20° ~ 70° C
Relative Humidity (operation)
10 ~ 90 % (non condensing)
IP Protection
IP20



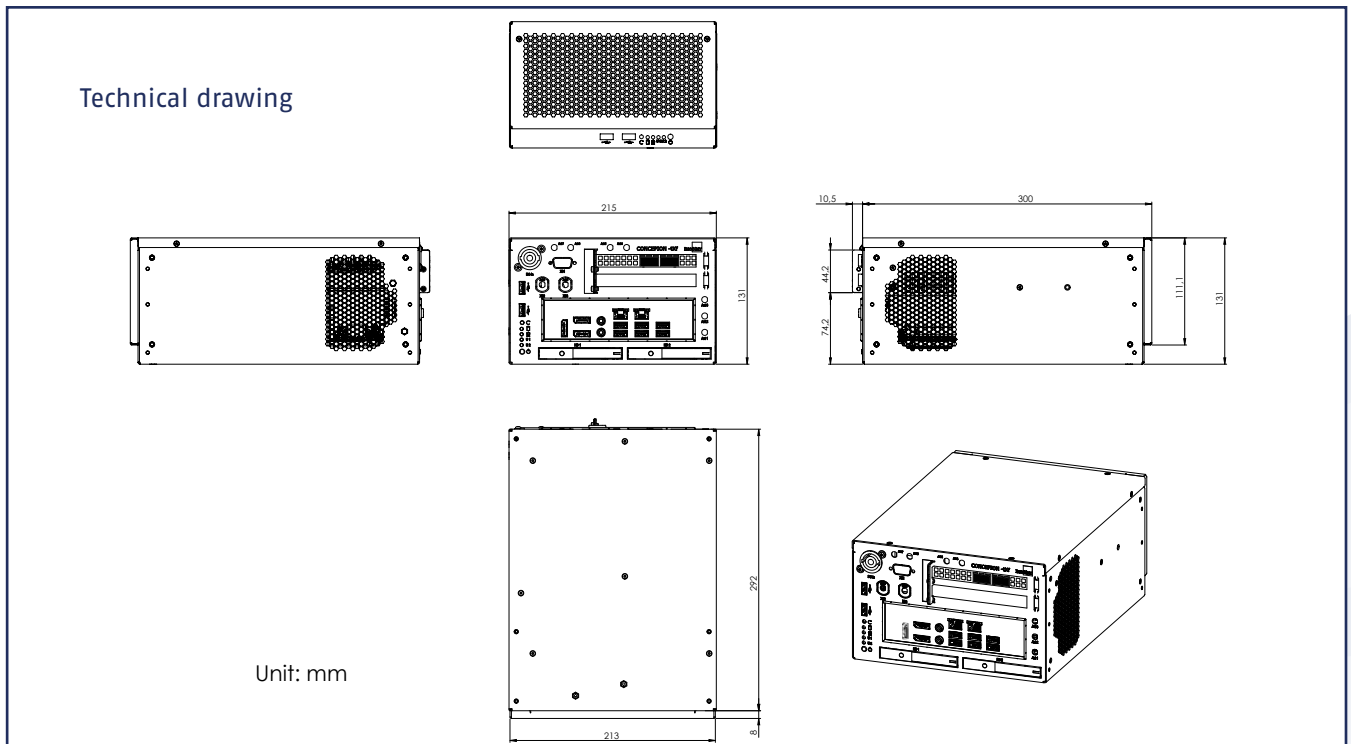
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Additional illustrations



Technical drawing
QuickTray®-v3 extension

Wi-Fi/Bluetooth and
GNSS/LTE (optional)
(Fig. without QuickTray®-v3 extension)



InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

InoNet Computer GmbH
Wettersteinstraße 18
82024 Taufkirchen, Germany
www.inonet.com