

FANLESS BOX PC - Steel Chassis with Aluminum Heatsink

Fanless Box PC, Intel X7425E CPU, 1x SO-DIMM DDR5 4800MT/s Slot

1x M.2, 2x RS232/422/485, 9~36 VDC Power Input

Steel Chassis with Aluminum Heatsink

RAM: 16GB DDR5 5600 SO-DIMM IND

Storage: M.2 2242 B+M KEY/SATA3/TLC/512GB/TRANSCEND/TS512GMTS560T-I/BiCS 5/-40~85DEGREE

OS: WIN11/IoT ENTERPRISE LTSC/2024/ENTRY(ESD)/PKEA/EP2-07326/SYNEX

Adapter: ADAPTER/AC to DC/DC12V/60W/EDAC/EA10681N-120_SOLDERED_LPS



MODEL: APC3300-X7-16

FEATURES:

- Intel X7425E CPU, 1x SO-DIMM DDR5 4800MT
- Wide power input range (9~36V DC)
- Wide operating temperature range (-30~70°C)
- Expansion flexibility, 1 x Mini-PCIe 3027/3051, 2 x M.2 slots
- Dual 2500 BASE-T Ethernet supports Time-Sensitive Network (TSN) technology
- Dual Display (1 x HDMI, 1 x DP) supports multiple display configurations
- Versatile connectivity with 2 x RS-232/422/485 ports
- Onboard TPM 2.0 provides hardware-based security
- Modular design for optional extension boards

SPECIFICATION:

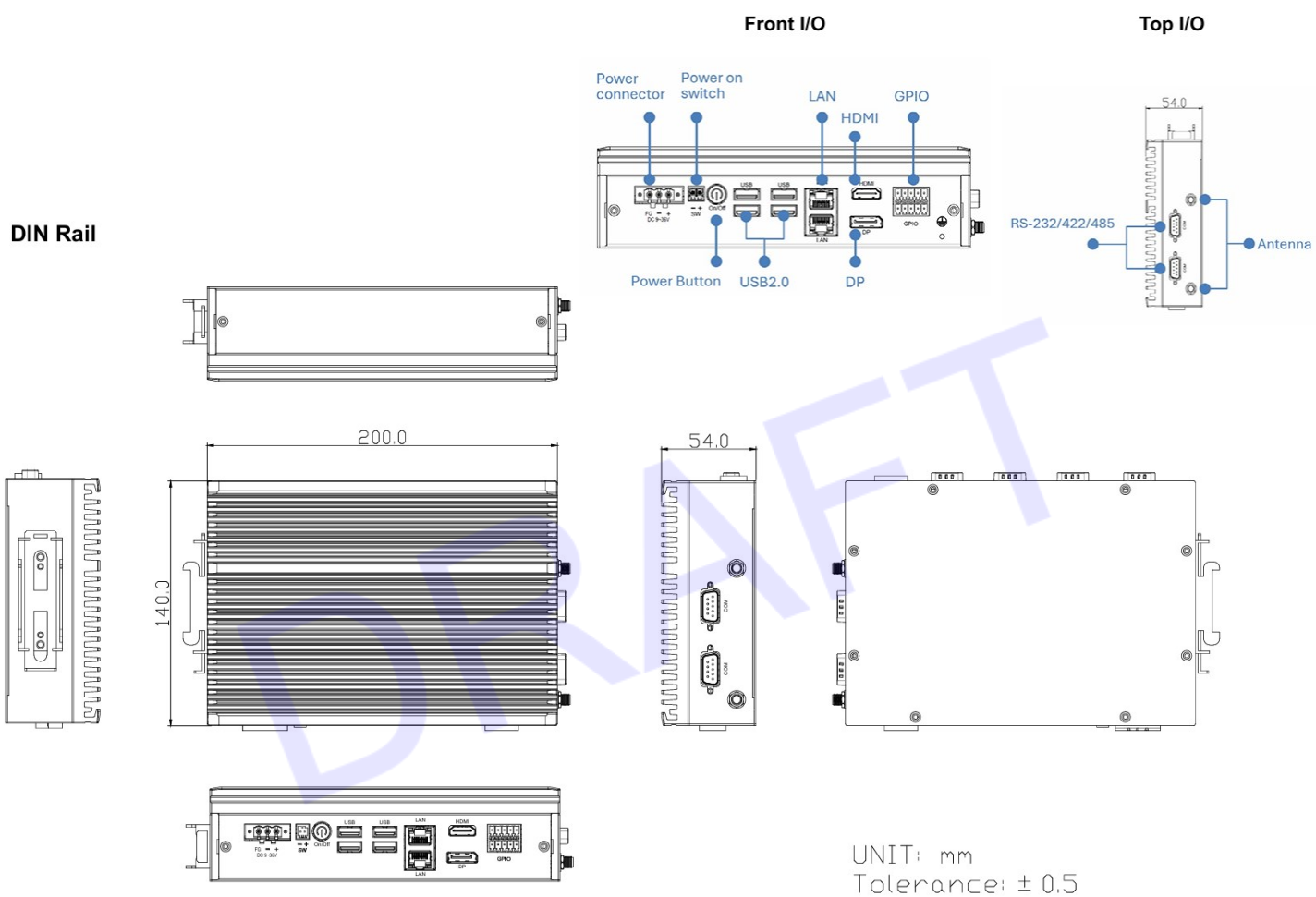
System	
CPU	Intel Processor X7425E
Memory	16GB DDR5-W 5600 SO-DIMM IND
Storage	M.2 2242 B+M KEY/SATA3/TLC-W 512GB/TRANSCEND/TS512GMTS560T-I/BiCS 5/-40~85DEGREE
MISC. Function	1 x SMBus Wafer Header 1 x I2C Interface (M.2 Connector)
Security	TPM 2.0 onboard
General	
Certification	CE, FCC Class A, UKCA, LVD, RoHS, UL 61010-2-201
Dimension (WxHxD)	200 x 55 x 140 mm
Mounting	Wall Mount, Din-Rail
Weight (Net)	2.5kg
Power Requirement	DC 9~36V
OS	Windows 10, Windows 11 22H2, Linux Ubuntu 20.04/22.04
I/O Interface	
USB	4 x USB 2.0 (Type-A on front-side)
LAN	2 x 2500 BASE-T ethernet ports (RJ-45)
Serial port	2 x RS-232/422/485 (BIOS selectable)
Display	1 x HDMI 2.0b (up to 4K @60Hz, HDCP 2.2) 1 x DisplayPort 1.4 (up to 4K @60Hz, VDSC 1.1, HDCP 2.2, MST)
GPIO	8 x GPIO (4-IN/4-OUT, 3.3V / 5V hardware-selectable)
Audio	1 x Line-out, 1 x Mic-in, 1 x Line-in (Option)
Button	1 x Power Button 1 x Switch Connector
Indicator	1 x Power LED
Expansion Slots	1 x Mini PCIe 3027/3051 (Wi-Fi module) 1 x M.2 B-Key 3042/3052 (4G/5G module)

Operating Environment	
RoHS	RoHS Compliant
Environmental	-20°C~70°C
Storage Temperature	-40°C~85°C
Humidity	95% RH @ 40 °C/104 °F
Shock Protection	Operating, IEC 60068-2-27, 50G, half sine, 11ms
Vibration Protection	Operating, IEC 60068-2-64, 2 Grms, random, 5~500 Hz, 1hr/axis
Ingress Protection	IP20

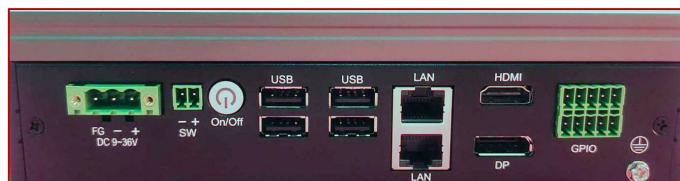
**Specifications subject to change without notice, not responsible for typographical errors.*

DIMENSION:

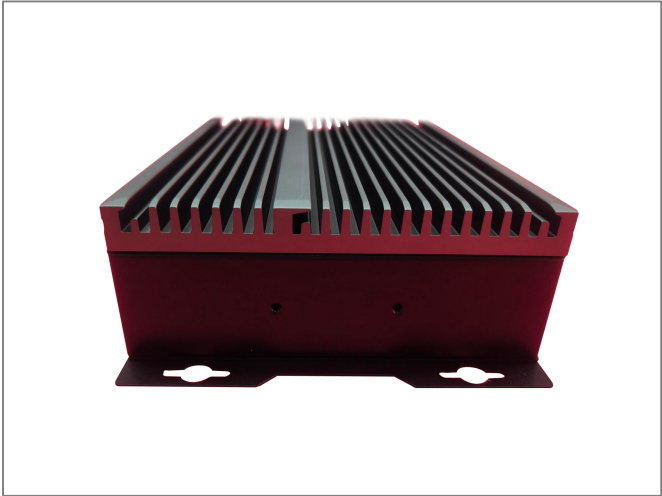
This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



Drawing No.: APC3300-X7-16-01232026-V1



ACTUAL PICTURES:



Reference: SO 121623 | Model: APC3300-X7-16