

FANLESS BOX PC – UL Certified

Fanless Box PC, 13/14th Generation Intel Core

4x U-DIMM DDR 5 slot, up to 128GB (32GB per slot), 1 x M.2 2280 slot, 4 x COM, 4 x RJ45 2.5G LAN, 8 x USB 3.2, 1x DP, 1 x HDMI, 1 x Line out, 1 x Mic-in, 1 x M.2 3042/3052 B key for 4G/5G, 2 x CRPS 550W, Steel Chassis with Aluminum Heatsink *With Wall Mount Kit
Intel Core i3-14100T (4 Cores, 12M Cache, up to 4.4 GHz)
8GB DDR5 5600 SO-DIMM



MODEL: AXC-500-i3-UL

FEATURES:

- Intel Core i3-14100T (4 Cores, 12M Cache, up to 4.4 GHz) 8GB DDR5 5600 SO-DIMM
- 2 x M.2 M-Key 2280/2242 for SATA storage.
- Mini PCIe slot (3027/3051) for Wi-Fi expansion.
- 4 x 2.5GbE Ethernet (Intel I226-LM) supporting Time-Sensitive Network technology.
- Dual display output: 1 x HDMI 2.1, 1 x DP 1.4a.
- 8 x GPIOs for industrial control applications.
- 4 x RS-232/422/485 ports for serial communication.
- Supports Windows 11 IoT Enterprise LTSC for industrial applications.
- **Storage:** M.2/256GB/TLC/PCIe GEN3x4/2280/M KEY/E/TRANSCEND/TS256GMTE672A/DRAM-LESS/-20~75 DEGREE/BiCS 5
- **OS:** WIN11/IoT ENTERPRISE LTSC/2024/VALUE(ESD)/PKEA/EP2-07322/SYNNEX
- **WIFI:** MPCIE Full SIZE/WiFi 6/6E/802.11AX (Tri Band)+BT5.2/Qualcomm/WMX7203-F

SPECIFICATION:

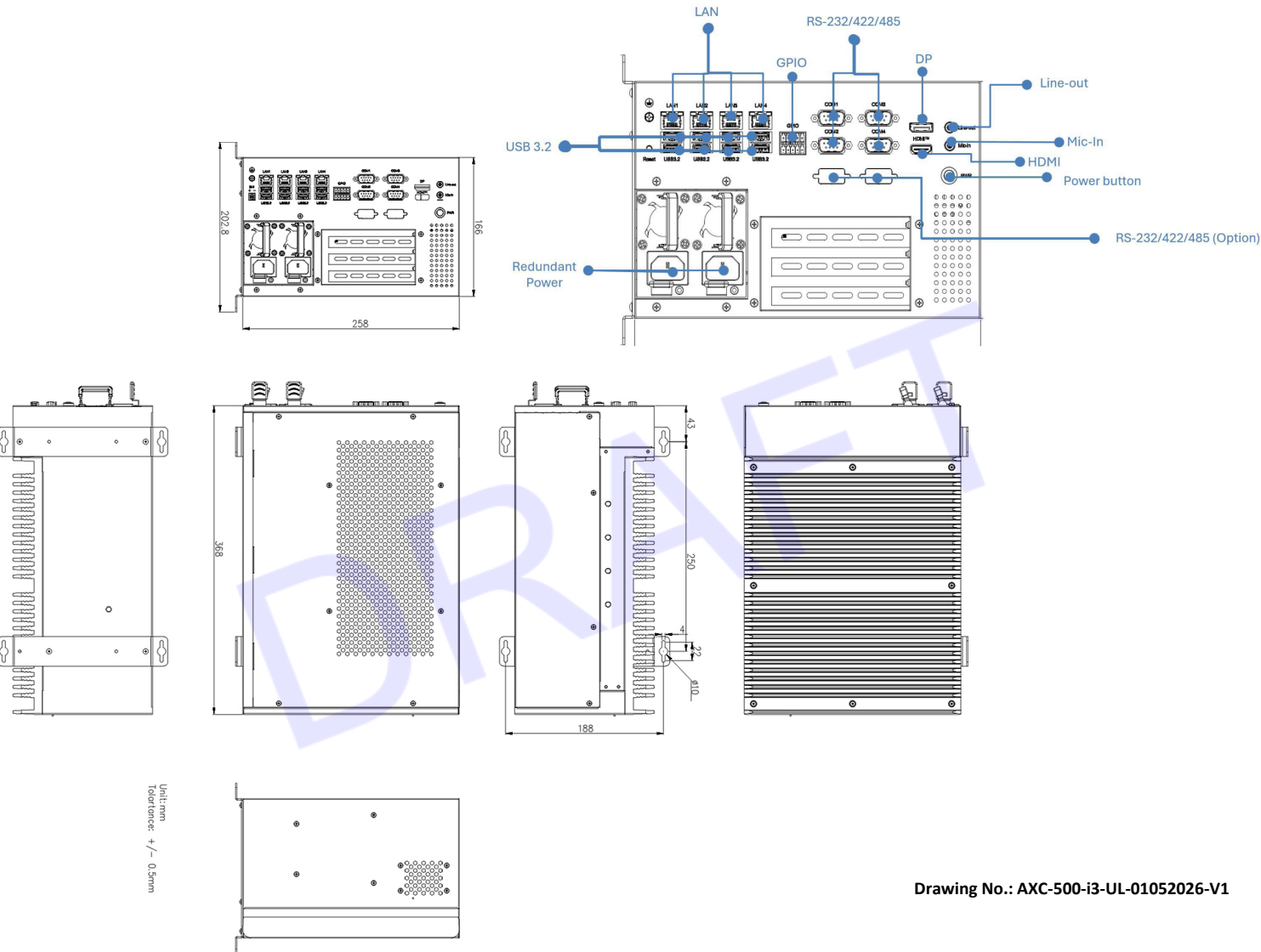
System	
CPU	Intel Core i3-14100T (4 Cores, 12M Cache, up to 4.4 GHz)
System Chipset	Intel R680E
Memory	8GB DDR5 5600 SO-DIMM
Storage	M.2/256GB/TLC/PCIe GEN3x4/2280/M KEY/E/TRANSCEND/TS256GMTE672A/DRAM-LESS/-20~75 DEGREE/BiCS 5
MISC. Function	1 x SMBus Wafer Header
Security	SPI TPM 2.0 onboard
BIOS	AMI UEFI BIOS
General	
Certification	CE, FCC Class A, UL 61010-2-201
Dimension (WxHxD)	258 x 166 x 368.3 mm
Mounting	Wall Mount
Weight (Net)	10 kg
Available Color	Case Black, Heatsink Silver
Power Input/ Connector	2 x CRPS 550W (Total support 1100W) AC 90V~264V
OS	WIN11/IoT ENTERPRISE LTSC/2024/VALUE(ESD)/PKEA/EP2-07322/SYNNEX
I/O Interface	
USB	8 x USB 3.2 Gen2 Type-A
LAN	4 x 2.5G LAN RJ-45 (i226LM, Support iAMT)
Serial port	6 x RS-232(default)/422/485, BIOS selectable. (4 x rear I/O, 2 Internal header)
Display	1 x DP 1.4a, up to 7680 x 4320 @60Hz 1 x HDMI 2.1, up to 7680 x 4320 @60Hz
GPIO	8 x GPIO (4-IN/4-OUT, 3.3V / 5V hardware-selectable)
Audio	1 x Line-out, 1 x Mic-in
Button	1 x Power Button
Indicator	Power LED
Expansion Slots	1 x Mini PCIe (Half/Full-size Wi-Fi module) General 1 x M.2 B-Key 3042/3052 (4G/5G module with nano SIM slot)

Operating Environment	
RoHS	RoHS Compliant
Environmental	Operating Temp.: -20~60°C (-4~140°F) without expansion cards Storage Temp.: -40~85°C (-40~185°F)
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
Expansion Card	
Expansion Slots	1 x PCIe x16 (Gen.5) (FHFL, single width) + 1 x PCIe x4 (Gen.4) + 1 x PCIe x4 (Gen.3)
	1 x PCIe x16 (Gen.5) (FHFL, dual width) + 1 x PCIe x4 (Gen.3).
	1 x PCIe x16 (Gen.5) (FHFL, triple width) only.

**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.: AXC-500-i3-UL-01052026-V1