ATrack

VBOX AI500-RP SERIES



FEATURES

- Intel® 13th Gen Raptor Lake-P Core™ Processor
- Intel® Iris® Xe / UHD Graphics for 13th Gen Intel® Processors
- One SO-DIMM Socket, Max. Up to 32GB DDR5 5200MHz
- Triple Display, HDMI 2.0, DP 1.4, USB Type C support DP 1.4
- Dual Intel® 2.5 Gigabit Ethernet
- Triple Storage, 2.5" Drive Bay, M.2 Key B, Key-M (NVMe)
- Support TPM2.0, RAID 0/1, Wall Mount
- 12-24V DC Wide Range Power Input

3-Expansion M.2 Key B//M/E

High Speed NVMe 4-PCIe

Fanless 0~50°C

+12/24Vdc

Type-C USB3.2/DP/PD

SPECIFICATIONS

System Information	
Processor	Intel® Core™ i5-1335UE Processor (15W) Intel® Core™ i3-1315UE Processor (15W)
System Memory	1 x 262-pin SO-DIMM socket Max. up to 32GB DDR5 5200MHz
BIOS Information	AMI BIOS, 256Mbit SPI Flash ROM
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec and 1sec. or 1min./step
RAID	RAID 0/1 (SATA)
TPM	Onboard TPM 2.0 IC

Expansion	
M.2	1 x M.2 Key-B 3042/3052/2242 (SATA3, USB3.0, w/SIM Card Slot) 1 x M.2 Key-M 2280 (PCIe,Gen4x4) 1 x M.2 Key-E 2230 (PCIe, USB2.0)

Storage	
M.2	1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2280 (NVMe, PCIe Gen4 x 4)
2.5 Drive Bay	1 x Internal 2.5 Drive Bay (7mm)

Front I/O	
USB	2 x USB 2.0
Power Button	1 x Power Button
Reset Button	1 x Reset Button
COM Port	2 x RS232/422/485
LED Indicator	1 x Power on/off LED 1 x Storage Access LED
Audio	1 x Mic-in 1 x Line-out

Rear I/O	
USB	3 x USB 3.2 Gen2 1 x USB 2.0 1 x USB Type C support DP/USB 3.2 Gen 1/PD 5V x 3A
LAN Port	2 x RJ45
DP	1 x DP 1.4
HDMI	1 x HDMI 2.0b
Antenna	2 x Antenna Mounting with Dust Protection Cover
AC/DC Input	1 x Lockable DC Jack

Right I/O	
Antenna	1 x Antenna Mounting with Dust Protection Cover

Left I/O	
Antenna	1 x Antenna Mounting with Dust Protection Cover

Display	
Graphic Chipset	Intel® UHD Graphics for 13th Gen Intel® Processors
Resolution	1 x DP 1.4: Max. 7680 x 4320 @ 60Hz 1 x HDMI 2.0b: Max. 4096 x 2160 @ 60Hz 1 x DP 1.4 (from USB Type C): Max. 4096 x 2304 @ 60Hz

Audio	
Audio Codec	Realtek ALC888S

Ethernet	
LAN Chipset	2 x Intel® I226LM
Specification	2 x 10/100/1000/2.5G Base-Tx GbE compatible

Power Requirement	
Voltage Input Spec.	Typical 12V/24V
Voltage Input Connector	Lockable DC Jack
ACPI	Single power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant
Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 12V/10A AC-DC 120W Adapter

Software Support	
OS	Win10, Win11, Linux

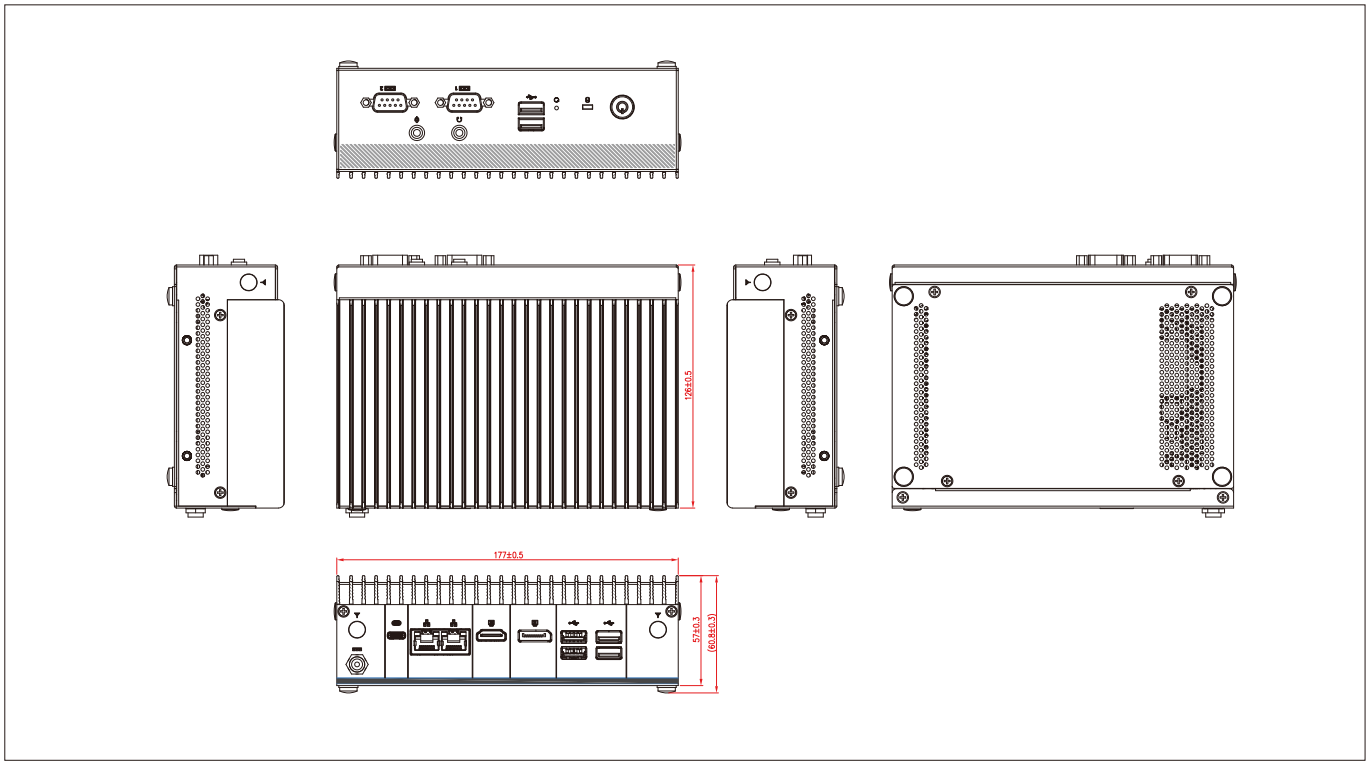
Certification	
Certification Information	CE, FCC, Class B, UKCA

Mechanical & Environmental	
Operating Temp.	With extended temperature peripherals: 0°C ~ 50°C (32°F ~ 122°F) with 0.5m/s air flow With 2.5" hard drive: 0°C ~ 40°C (32°F ~ 113°F) with 0.5m/s air flow
Storage Temp.	-30 ~ 70°C (-22°F ~ 158°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (W x L x H)	177 x 126 x 57mm

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MECHANICAL DRAWING



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