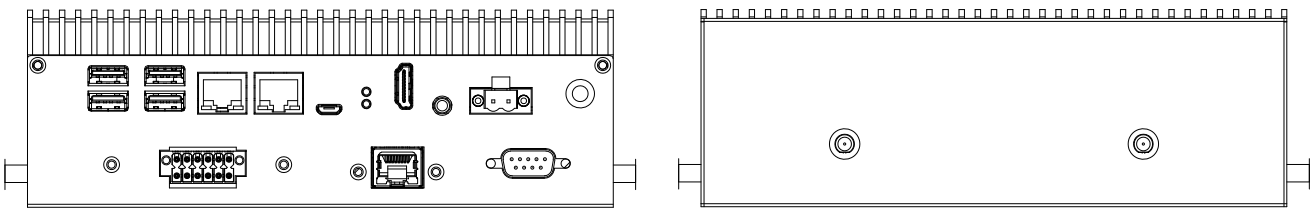
VBOX AI700-RN10



SPECIFICATIONS

System	• NVIDIA Jetson Orin Nano 8GB: 40 TOPS
Memory	• **System Memory:** On-board 8GB 128-bit LPDDR5 (68GB/s)
I/O Interface	• **Ethernet / PoE:** 2 x GbE PoE (Total 30W power budget, IEEE 802.3af/at) • **Display:** 1 x HDMI • **USB:** 6 x USB 3.2 Type-A, 1 x OTG (USB Type-C) • **Audio:** 1 x Audio jack (MIC-in & Line-out) • **Serial Port & Bus:** 1 x DB9 multi-port (for 1 x RS232 & 1 x CAN Bus, default RS232) • **Digital I/O:** 4 x Isolated DI (Dry & Wet contact, 0~30VDC via terminal block), 4 x Isolated DO (200mA/channel max. 12~24VDC via terminal block) • **Others:** 1 x Reset button, 1 x OTG button
Expansion Slots	• 1 x M.2 B Key 3042 (for 4G/5G module) • 1 x M.2 E Key 2230 (for Wi-Fi/BT module) • 1 x M.2 M Key 2280 (for NVMe SSD) • 1 x Micro SIM card slot
Power	• **Power Input:** 12 ~ 24 VDC via 2-pin terminal block • **Thermal Design:** Fanless solution
Software & OS	• **OS / Software:** Ubuntu 22.04, JetPack 6.2.2
Mechanical & Environmental	• **Dimensions:** 125 x 196 x 66.1 mm (W x L x H, w/o wall mount bracket) • **Weight:** 1.4 kg • **Operating Temperature:** -20°C ~ 60°C (-4°F ~ 140°F) • **Mounting:** Wall Mount Bracket (Optional) • **Fan Kit for option** • **Certifications:** CE, FCC, UKCA

MECHANICAL DRAWING



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Specifications are subject to change without prior notice.