

RKI-V60 AIoT Developer Kit

- 13th Gen Intel® Core™ processor or Intel® Processor (formerly Raptor Lake -P)
- DDR5-4800 memory, 2 * SO-DIMM, up to 64GB
- 2 * Intel GbE, 5 * USB 3.2
- 3 * M.2, support PCIe x4 NVMe, Wi-Fi+BT, 4G/5G
- 3 * DP, 1 * HDMI, 1 * HDMI IN
- Compact size, DC 12V power input



Specifications

General

CPU	13 th Gen Intel® Core™ i3/i5/i7 processor or Intel® Processor (formerly Raptor Lake -P)
Memory	DDR5-4800, 2 * SO-DIMM, up to 64 GB
Storage	1 * SATA 3.0 1 * M.2 (Key-M, 2280, PCIe x4 NVMe)
Expansion Interface	1 * M.2 (Key-E, 2230, support Wi-Fi+BT) 1 * M.2 (Key-B, 2280, support 4G/5G)
BIOS	AMI UEFI BIOS
System	Windows 10/11 64-bit, Linux

I/O Interface

Ethernet	2 * Intel® Gigabit Ethernet Controller (up to 2.5 GbE), RJ45
USB	3 * Type-A, USB 3.2 2 * Type-C, USB 3.2 + DP 1.4a
Others	2 * Wi-Fi Antenna Hole

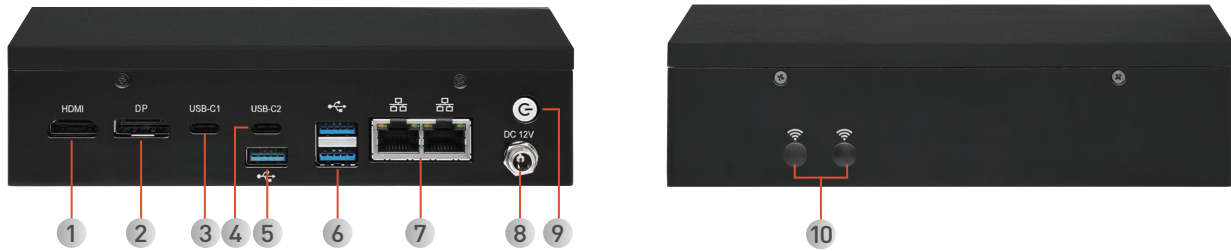
Display

Display Interface	1 * DP 1.4a++, max resolution up to 7680*4320@30Hz 2 * DP 1.4a, Type-C, max resolution up to 7680*4320@30Hz 1 * HDMI, Type-A, max resolution up to 7680*4320@30Hz 1 * Micro HDMI IN, HDMI to MIPI CSI
Multiple Display	Quad

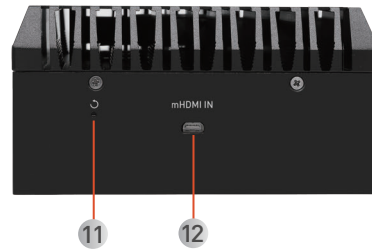
Mechanical & Environment

Dimension	173 * 113 * 56mm
Power Input	DC 12V
Temperature	Operation: 0°C~45°C, Storage: -20°C~75°C
Relative Humidity	5%~95% RH (non-condensing)

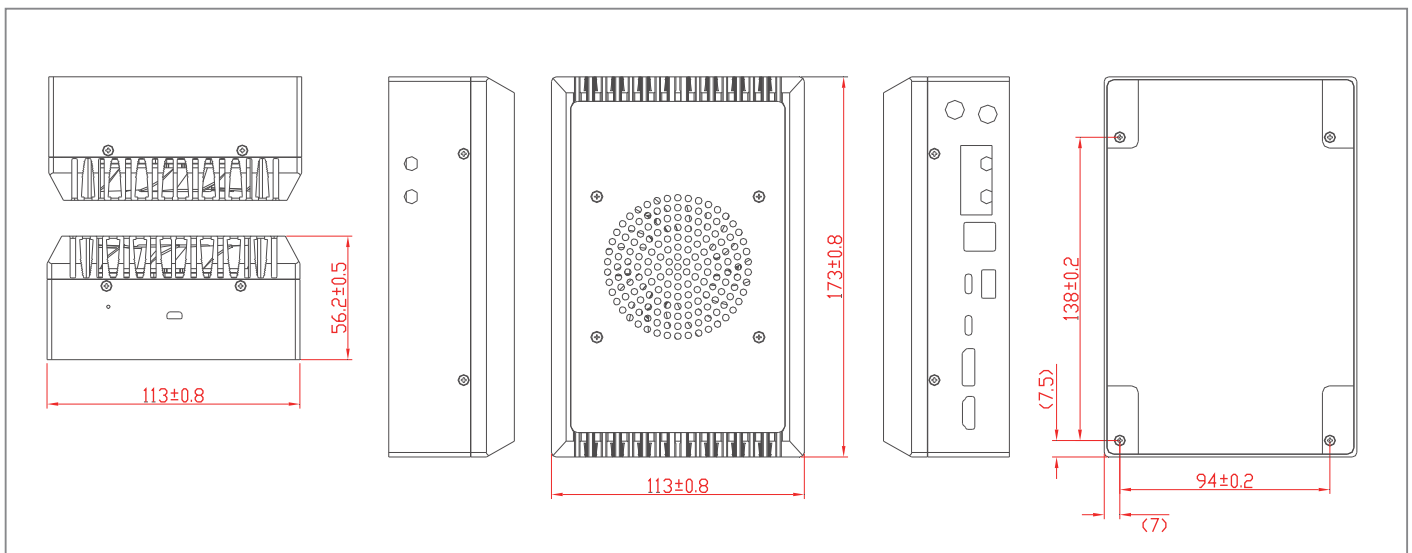
Product I/O View



1	HDMI TYPE-A Connector
2	DP 1.4a++ Connector
3	USB3.2+DP1.4a TYPE-C Connector
4	USB3.2+DP1.4a TYPE-C Connector
5	USB3.2 TYPE-A Connector
6	Dual USB3.2 TYPE-A Connector
7	Dual 2.5GbE LAN RJ45 Connector
8	DC12V Power Input Connector
9	Power On Button
10	Wi-Fi Antenna Hole
11	Reset Button
12	Micro HDMI IN Connector



Dimensions



Procurement Guide

Model	CPU	Display Interface	LAN	I/O	Expansion
RKI-V60	13 th Gen Intel® Core™ i3/i5/i7 processor or Intel® Processor (formerly Raptor Lake -P)	1 * DP 1.4a++ 2 * DP 1.4a 1 * HDMI 1 * Micro HDMI IN	2 * 2.5GbE	3 * USB3.2	1 * M.2 Key-M (PCIe x4 NVMe) 1 * M.2 Key-E (WIFI+BT) 1 * M.2 Key-B (4G/5G)