

LinkStar-H68K-1432 Router with Wi-Fi 6, 4GB RAM & 32GB eMMC, dual-2.5G & dual-1G Ethernet, 4K output, Pre-installed Android 11, Ubuntu & OpenWRT support, Home Assistant

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Feature

- **Lightning-fast Network Ports:** Dual 2.5Gbps Ethernet & dual 1Gbps Ethernet, 4 interfaces overall for fast speed router deployment
- **Outstanding Wi-Fi 6 Technology:** Up to 1200Mbps, support 2.4G/5G dual-band for high throughput performance
- **4K Multimedia Player:** Pre-installed Android 11 OS, mounted with one HDMI 2.0 port for 4K@60fps display with HDR support
- **High Storage Capacity:** Equip onboard 32Gb eMMC, an SD card slot, and a USB 3.0 Type-C for massive storage, along with one USB 3.0 and two USB 2.0 Type-A ports
- **Multiple Operating Systems Supported:** Android, Ubuntu, OpenWRT, Debian
- **Pocket-sized Metal Box:** Carry everywhere, built around with metal for passive heat dissipation

Specification

Parameters	Details
Processor	Rockchip RK3568 for up to 2.0GHz
CPU	Quad-core 64-bit Cortex-A55
GPU	ARM G52 2EE
NPU	1 TOPS@INT8
Multi-Media	4K@60fps H.265/H.264/VP9 video decoder 1080@60fps H.265/H.264 video encoder Support 8M ISP, HDR
Storage	onboard 32GB eMMC 1x SD card slot for storage expansion
Operating System	Pre-installed Android 11 OS Support Ubuntu, Debian, Armbian, Android, Openwrt, Buildroot
Wireless	Dual-band 2.4G/5G Wi-Fi 6 M7921E module
NIC	2x 1G Ethernet NIC RTL8211F 2x 2.5G Ethernet NIC RTL8125B
Video Output	1x HDMI2.0 interface for 4K output
Audio	1x 3.5mm four-piece headphones for both input and output

USB	1x USB 3.0 Type-A
	1x USB 3.0 Type-C, capable of storage expansion and 5V power supply
	2x USB 2.0 Type-A
Power Supply	operating voltage: 5V~24V DC(12V-1A DC recommended)
	recommend: 12V-1A DC
	recommend(with additional hardware driver): 12-2A DC
	recommend(with Type-C connector): under 5V
Power Consumption	7.5W (With a fully loaded network port)
Operating temperature	-10 ~ 55°C
Dimensions	80*60*40mm

Hardware Overview

