



Features

- MediaTek Genio 720 / MT8391 2.6GHz or MediaTek Genio 520/MT8371 2.2GHz processor
- On-board LPDDR5(X) 6400MT/s, 4GB or 8GB
- On-board 64GB or 128GB UFS Flash for O.S.
- 10 TOPS MediaTek 8th Gen NPU
- HDMI (4K60) or LVDS (FHD), DP over Type-C (2560x1600)
- Embedded I/O for COM, CAN-FD, GPIO, USB, Ethernet
- Supports M.2 E-Key for the wireless expansion
- Supports Ubuntu and Android

Specifications

Form Factor	2.5-inch SBC
Processor	MediaTek Genio 720 2x A78 2.6GHz L2 256KB, 6x A55 2.0GHz L2 128KB, shared 1MB L3 cache MediaTek Genio 520 2x A78 2.2GHz L2 256KB, 6x A55 2.0GHz L2 128KB, shared 1MB L3 cache
System Memory	On-board LPDDR5(X) 6400MT/s, 4GB or 8GB
Flash Memory	On-board 64GB or 128GB UFS flash for O.S.
Display	1x HDMI (4K60) / 1x LVDS (FHD) 1x DP over Type-C (2nd display only, 2560x1600) *HDMI and LVDS mutually exclusive
Video Codec	Decode: 4K60fps, VP9, H.265, H.264 Encode: 4K30fps, H.265, H.264
Graphics	ARM Mali-G57 MC2, OpenGL ES 3.2, Vulkan 1.1, OpenCL 2.2
Edge I/O	1x COM port (RS-232/422/485) 1x RJ45 GbE LAN port 1x HDMI (4K60) 1x On/Off button 1x Reset button 1x USB 3.2 Type-C 2x USB 2.0 Type-A 1x Micro SD Slot 1x Audio Line-Out 1x LED
Internal I/O	1x RS-232 (2-wire, Debug only) 1x CAN-FD 1x LED 1x Download Button 1x 4-Pin Slide Switch Auto Power/LCD Power/Backlight Power control 1x MIPI-CSI2 (4-Lane) 1x RTC Battery Connector
Expansion IO	1x M.2 E-Key (2230) w/ PCIe Gen 2 x1, USB 2.0 4x GPIO
Watchdog	256 Levels, 0~128 Secs
Dimensions	100mm x 72mm (3.94" x 2.83")
Power Input	12V DC-in by DC-Connector
Operating Temperature	-20°C~+80°C (-4°F~176°F)
Relative Humidity	90% (non-condensing @60°C)

OS Support	Android 16, Ubuntu 24.04, Other OS (by request)
Certification	CE/ FCC Class-B