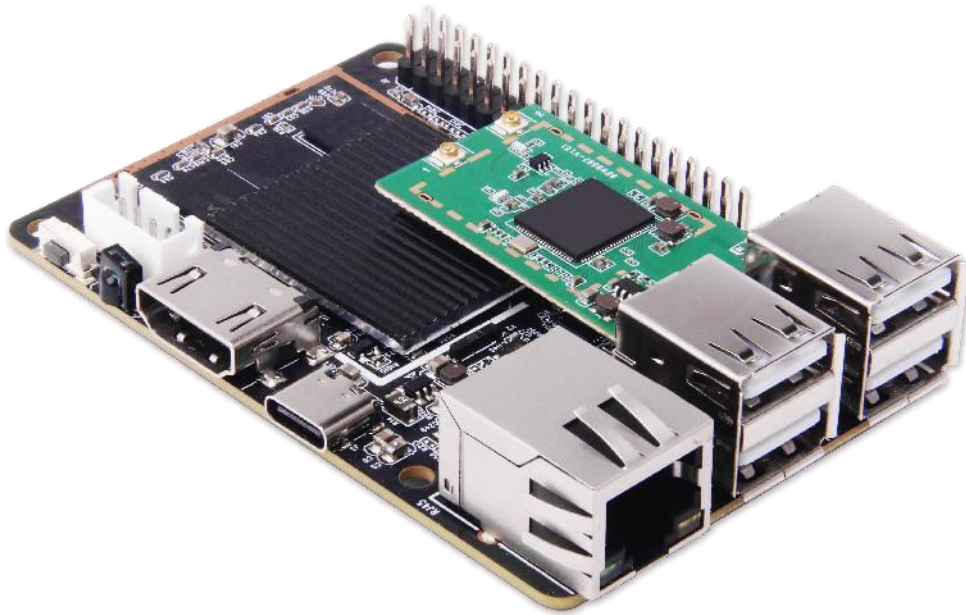


Like raspberry PI quad-core open source motherboard

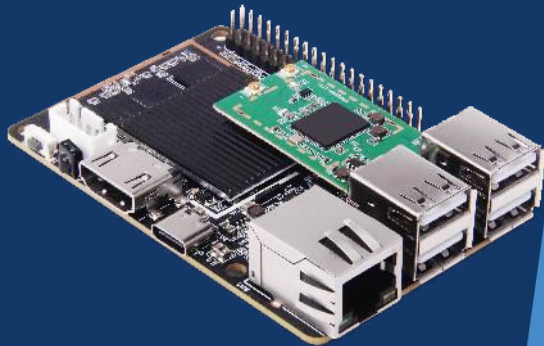
XPI-3128



Geniatech XPI-3128 is a cost-effective open source motherboard, driven by Rockchip RK3128 Quad-core Cortex-A17, the main frequency is up to 1.2GHz, stable operation, strong hard decoding ability, rich expansion interface, can be used for office learning, wisdom embedded, DIY electronics, game entertainment, etc.

- Rich interface, can meet a variety of extensions
 1. Supports four USB2.0 channels powered by Type-C
 2. Built-in 40PIN extension interface, including general GPIO, SPI, I2C, UART, PWM, PCM/I2S, SPDIF.
- Stable and reliable:
Built-in watchdog/RTC, support 7*24h uninterrupted stable work
- Remote Device Management System (MDM) :
Supports remote problem diagnosis, online device control, remote management of content distribution, application deployment, and service push.
- Card type motherboard:
motherboard specifications similar to the bank card, easy to use, do not occupy the position. It is also easy to carry.
- Supports multiple operating systems:
Stable Android and Linux operating systems with reliable performance.

Specification



CPU	Quad-core Cortex-A7, Up to 1.2GHz
GPU	Mali-400MP2 GPU, Support OpenGL ES1.1/2.0
RAM	1 GB DDR3
Storage	16 GB eMMC
OS	Android 7.1 and Linux
WLAN	100 M
WIFI/BT	2.4&5.8G IEEE 802.11ac/n/a/g/b, Bluetooth 4.0(WIFI/BT optional)
USB	USB2.0*4,TYPE-C*1
TF slot	MAX 64G
HDMI	HDMI OUT*1
Remote	Support and USB remote

I/O	28 * GPIO Pins 4 * SPI 2 * I2C Bus 4 * Uart 2 * PWM 1 * PCM/I2S 2 * 5V Power Pins 2 * 3.3V Power Pins 8 * Ground Pins
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Power	TYPE-C 5V/2A
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Size	85 x 56 x 20 mm
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Weight	45g
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