

# RockChip 3126C Development Board

## DB3126



Geniatech's DB3126 development board adopts cortex-A7, high performance quad-core processor with frequency up to 1.2ghz, built-in Mali400 MP2 GPU, supports smooth high-resolution display and mainstream games, and supports Android/Linux dual operating system. Is a high performance and stability of the motherboard.

- **High-performance graphics and video processor:**

Using ARM mail-400MP2, built in 2D accelerator, support OpengLES1.1/2.0, can achieve (H.264,VC-1,MPEG-1/2/4,VP8,MVC) and other multi-format 1080p@30fps video decoding, support H.264, MVC,VP8 and other video coding

- **Realize unattended:**

External independent and reliable hardware watchdog can achieve 7\*24H unattended stable work without downtime, with high reliability.

- **Multiple screen interfaces:**

Supports LVDS/MIPI interface screen to meet your various needs.

- **Support personalized customization:**

Optional hardware configuration, including SDK secondary development, MDM customization (remote device management), and APP customization

- **Supports built-in lithium battery:**

In case of emergency, the external power supply is interrupted, and the internal lithium battery can be used for continuous power supply.

- **Widely used**

DB3126 can be used with 10 inch LCD screen, suitable for household appliances, industry, commercial display and other fields



## Product Specification

CPU	Quad-core Cortex-A7 up to 1.2GHz
GPU	Mali400 MP2
Internal Memory	1G DDR3 (512M/2G optional)
Internal Storage	8G EMMC (16G optional)
OS	Android/Linux
Typc-c	*1
WiFi/BT	Bluetooth/NFC Single-ChipSoC IEEE802.11ac/n/a/g/b, Bluetooth4.0
USB	USB2.0*2
MIC	*1
LVDS	*1
MIPI	*1
Speaker	*1
RTC	*1
Earphone	*1
GTIOT	*1
IR	*1
Power	5V/2A
Size	93*65mm
Weight	45g

