

Developer Board 7 SPEC



Overview

Geniatech Developer Board 7 is based on Amlogic T962 Soc, Quad core ARM Cortex A53 @1.5GHz CPU, it integrates the ATV demodulators which fully support worldwide analog/digital TV standards including NTSC/PAL/SECAM/DTMB/DVB-C/TS, and many advanced peripherals inside including a 10/100M Ethernet, USB 2.0 port, 2T2R WiFi, Double LVDS, 8 Lan VBY1, etc. Amlogic T962 is an advanced application processor designed for UHD TV applications. It integrates a powerful CPU/GPU subsystem, a best-in-class HDR image processing pipeline, a secured 4K video codec engine with all major peripherals to form the ultimate cost-effective smart TV chip.

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Specifications

Processor

Quad core ARM Cortex-A53 CPU up to 1.5GHz

Penta core ARM Mali-450MP GPU up to 750MHz

Memory/Storage

1GB~3GB DDR3/DDR3L/DDR4

8GB~64GB eMMC flash

Display

Double LVDS, 8 LAN VBY1

Audio

Standard 3.5mm headphone jack and microphone jack

Connectivity

WLAN 802.11 b/g/n; 802.11ac 2T2R 2.4G/5GHz

Bluetooth 4.1

1x 10/100M Ethernet

1x USB 2.0; 1x USB OTG 2.0

On-board BT and WLAN antenna

Expansion connector

HDMI 2.0b receiver port

ATV/DTV Input port

Speaker

External Storage

1x Micro SD socket

User Interface

Power/Reset

OS-support

Android 7.1

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Power, Mechanical and Environmental

Power: +6.5V to +18V

Dimensions:160mm*110mm

Operating Temp: -10°C to +85°C

RoHS and Reach compliant

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