



A10S-OLinuXino-MICRO

SINGLE-BOARD LINUX COMPUTER WITH ALLWINNER A10S CORTEX-A8 AT 1GHZ



A10S is a new processor from Allwinner with Ethernet and HDMI support. Except the A10S Cortex-A8 @ 1GHz the board has 512MB RAM + Ethernet 100Mbit + USB Host/USB-OTG + SD-card + SD-MMC card + HDMI is released. It can be used as a media center, general Android device or a general-purpose Linux device

FEATURES

- A10S Cortex-A8 processor at 1GHz, 3D Mali400 GPU, NEON
- 512MB RAM
- USB High-speed host with power control and current limiter
- USB-OTG with power control and current limiter
- HDMI output with ESD protectors
- 100MBit native Ethernet
- Audio Line-input
- Audio Headphones output
- UEXT connector
- LCD connector to work with 4.3, 7.0, 10.1" LCD modules from Olimex
- 50 GPIOs on three GPIO connectors
- MicroSD card connector
- SD/MMC card connector
- DEBUG-UART connector for console debug with USB-SERIAL-CABLE-F
- STATUS LED
- Power LED
- 2KB EEPROM for MAC address and other storage
- 5 BUTTONS with ANDROID functionality + BOOT/REC and POWER buttons
- Microphone input on connector (not populated)
- Composite TV-output on connector (not populated)
- JTAG-DEBUG connector (not populated)
- UART1 connector (not populated)
- +5V input power supply, noise immune design
- 4 mounting holes
- Dimensions: (4000 x 3200) mils ~ (101.6 x 81.28) mm