



Model: X36

QuadCore ARM® Cortex®-A55, 4K Display HDMI 2.0,
WiFi6 + Bluetooth 5.0, 4GB DDR4 + 32GB eMMC + TF/microSD



Featured Highlights

- Nano Small Form Factor: 5"(W) x 5"(D) x 1.2"(H)
- ARM® Cortex®-A55 Processor
- RK3566 Chipset
- Mali®-G52-2EE Graphics, HDMI 2.0
- 4GB Onboard DDR4
- 32GB eMMC Storage
- Gigabit LAN, WiFi6+BT5.0
- HD Audio Sound
- 2 x USB 2.0, 1 x USB 3.0, 1 x MicroUSB
- DC12V 2A Power Adapter (UL/CE/FCC Certified)
- Supports Android 11, Linux
- For Set Top Box, Digital Signage, IPTV, Traffic Controller, etc.

Specifications

Processor	• ARM® Dual-Core Cortex®-A55 4Core up to 1.80GHz	Other I/O	• 2 x USB 2.0 ports (Side) • 1 x USB 3.0 port (Side) • 1 x MicroUSB port (Side) • 1 x TF/microSD slot (Side)
Chipset	• Rockchip RK3566 (SOC)	System BIOS	• Watchdog supported
Graphics	• Mali®-G52-2EE Graphics • 1 x HDMI 2.0 port, supports a max. resolution of 4K at 60Hz	Chassis	• Fanless Nano Plastic Enclosure • Dimensions: 5"(W) x 5"(D) x 1.2"(H), Weight: 0.75 lb (Net) • Color: Black as default color, custom colors available with special order • Custom logo is available for OEM order (MOQ is required) • Supports VESA, wall mount or rackmount brackets
Memory	• 4GB Onboard DDR4 (built-in, non-changeable)	Power	• Power: DC12V 2A Power Adapter 2.5mm plug (UL/CE/FCC Certified) • Power Cord: Standard US Power Cord included; European Power Cord available as option • Energy Star Compliance, Idle mode at <1W
Network	• 1 x Realtek® RTL8211F-CG Gigabit (10/100/1000 Mb/s) LAN • 802.11ax WiFi6 + Bluetooth 5.0 Module • Wake on LAN	OS Support	• Android 11, Linux
Storage	• 32GB eMMC Flash Internal Storage • 1 x TF (microSD) slot, supports 128GB	Application	• Set Top Box, Digital Signage, IPTV, Traffic Controller, etc.
Audio	• Rockchip RK809 HD Audio • 1 x Optical S/PDIF port • 2 x 3.5mm Analog Stereo Audio jacks	Environment	• Operating Temperature: 10 to +50 C • Non operating temperature: -40 to +75 C • Vibration - Operating: 9.8 m/s2(1.0G) 5 to 500Hz • Vibration - Non operating: 49 m/s2(5.0G) 15 to 500Hz • Shock - Operating: 3,920 m/s2 (400G) 2ms • Shock - Non-Operating: 8,820 m/s2 (900G) 1ms • Operating Relative Humidity: 0% to 90% (non-condensing) • Non-operating Relative Humidity: 5% to 95% (non-condensing) • MTBF: 100,000 Hours • FCC, CE, RoHS Certified
Back I/O	• 1 x HDMI 2.0 port • 1 x LAN port • 1 x S/PDIF port • 2 x 3.5mm Audio jacks • 1 x DC-In 2.5mm Power Connector		