



P1 touch2box with Android™

The P1 touch2box is a small form factor mini PC with Android OS, compatible with most external touchscreen displays that support USB HID for Android.

The P1 is based on a Rockchip RK3288 quad-core ARM processor with an integrated multimedia processor, capable of seamless video playback at Full HD (1080p) @ 24/30 frames per second and includes 2GB RAM and 16GB storage memory.

It is ideal for interactive digital signage and kiosk applications. Its small size means it can easily be placed inside a kiosk or mounted conveniently behind a touchscreen display.



Key features

- Powered by RK3288 quad-core, 28nm, ARM Cortex-A17, up to 1.8GHz
- Android 5.1 Lollipop OS
- GPU: ARM Mali-T764 3D GPU (OpenGL ES 1.1/2.0 /3.0, and OpenCL 1.1)
- 1080p video playback via HDMI 2.0 and supports H.264/H.265 video decoding
- 2GB DDR3 RAM, 16GB eMMC flash storage memory
- 1Gb RJ45 (Ethernet) port
- Bluetooth 4.0
- Integrated Wi-Fi, 2.4 & 5 GHz, IEEE 802.11 b/g/n
- Supports HTML5 & Flash 11
- Supports external 3G USB Dongle
- Micro-SD slot, up to 32GB
- Supports 2.4GHz wireless mouse, wireless keyboard with touchpad
- Supports picture rotation



Technical Specifications

Model:	P1 [Order Code: P1-M90211]
OS	Android™ 5.1 “Lollipop”
Chipset	Rockchip RK3288
CPU	Quad-core ARM Cortex-A17 @ 1.8GHz
GPU	Quad-core ARM Mali-T764 MP4 @ 600MHz
Video Encoding	1080p video encoding for H.264 and VP8, MVC
Video Decoding	4K H.264 and 10-bit H.265, 1080p multi-video decode
Display Output	Up to 3840 x 2160 (4K) via HDMI 2.0, 1920 x 1080 (1080p) recommended for optimal video playback performance
RAM	2GB
Storage Memory	16GB
Expandable Storage	MicroSD, up to 32GB
USB	4 x USB 2.0
Ethernet	1 Gigabit RJ45 (Ethernet) port
Graphics Output	HDMI 2.0
Wi-Fi	Dual-band (2.4/5GHz) Wi-Fi 802.11b/g/n (Fixed Wi-Fi Antenna)
Bluetooth	4.0
Audio Output	3.5mm jack
Touch Compatibility	Yes, via USB HID
Power Requirements [DC]	5V, 2.5A
Power Supply	Supplied with an external AC input (100 - 240V) to DC output (5VDC, 2.5A) adapter
Real-time clock	Yes
Temperature (Operating) [°C]	0 to 40
Net Weight [Kg]	0.132
Dimensions [mm]	98.5 x 98.5 x 30 (excluding Wi-Fi antenna)
Warranty [years]	1
Approvals	CE
Accessories Included	1 x AC to DC Adapter, 1 x HDMI cable & 1 x USB cable
Optional	Custom firmware (on request) & mounting bracket for securing to the rear of touchscreen

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