



P2-Pro with Android™

The P2-Pro is a robust small form factor mini PC with Android 9.0 OS, Ethernet, Wi-Fi or 4G LTE cellular connectivity.

The P2-Pro is based on a Rockchip RK3288 quad-core ARM processor with an integrated multi-media processor, capable of seamless video playback at up to 4K UHD @ 60Hz 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 monitor, display or touchscreen.



Key features

- Powered by RK3288 quad-core, 28nm, ARM Cortex-A17, up to 1.8GHz
- Android 9.0 “Pie” OS
- GPU: ARM Mali-T760 MP
- Up to 4K @ 60Hz video playback via HDMI 2.0 and supports H.264/VP8/AVS2 video decoding
- 2GB DDR3 RAM, 16GB eMMC flash storage memory
- 1Gb RJ45 (Ethernet) port
- Rugged metal case, fanless design
- Integrated Wi-Fi, 2.4 & 5 GHz, IEEE 802.11 b/g/n/ac
- Supports Wake On Lan (WOL)
- Version available with 4G LTE Cat 4 cellular connection
- Micro-SD slot, up to 32GB
- Real-time clock with backup clock battery
- Supports picture rotation
- Supports most Android USB HID touchscreens



Technical Specifications

Model:	P2 - Pro [Order Code: P2-PDS02]
OS	Android™ 9.0 "Pie"
Chipset	Rockchip RK3288
CPU	Quad-core ARM Cortex-A17 @ 1.8GHz
GPU	Quad-core ARM Mali-T760MP
Video Encoding	1080p video encoding for H.264 and VP8, MVC
Video Decoding	AVE-10 engine with 4K H.265/VP8/AVS2 video decoding up to 60 fps S/PDIF
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 & TF slot
USB	2 x USB 2.0, 1 x Mini USB 2.0 OTG port
Ethernet	1 Gigabit RJ45 (Ethernet) port
Graphics Output	HDMI 2.0
Wi-Fi	Dual-band (2.4/5GHz) Wi-Fi 802.11b/g/n/ac (Detachable Wi-Fi Antenna and 4G Antenna, 4G LTE version)
Wireless (P2 Pro 4G LTE Version Only)	4G LTE Cat 4 (EMEA Region)
Bluetooth	4.2
Audio Output	Stereo Analog via 3.5mm jack or Digital audio via HDMI
Touch Compatibility	Yes, via USB HID
Power Requirements [DC]	12V, 2.0A
Power Supply	Supplied with an external AC input (100 - 240V) to DC output (12VDC, 2.0A) adapter
Real-time clock	Yes, with back up battery
Temperature (Operating) [°C]	0 to 40
Net Weight [Kg]	0.334
Dimensions [mm]	140 x 147 x 30 (With Wi-Fi antenna)
Warranty [years]	2
Approvals	CE
Accessories Included	1 x AC to DC Adapter, 1 x HDMI cable, 1 x IR remote & 1 x AC cable
Optional	Custom firmware (on request) & mounting bracket for securing to the rear of touchscreen

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