

P105

Cost-effective Ubuntu/Android Mini PC



FEATURE

- Rockchip **RK3188 Quad core** ARM Cortex A9 1.6GHz
- 1G DDR3 RAM + 1~32G Nand Flash
- Supports **Full screen 1080p** HD playback
- Low power and low cost start from **\$49 only**
- **RDP 8.0, RemoteFX**
- **Android 4.2 / Ubuntu 10.24**

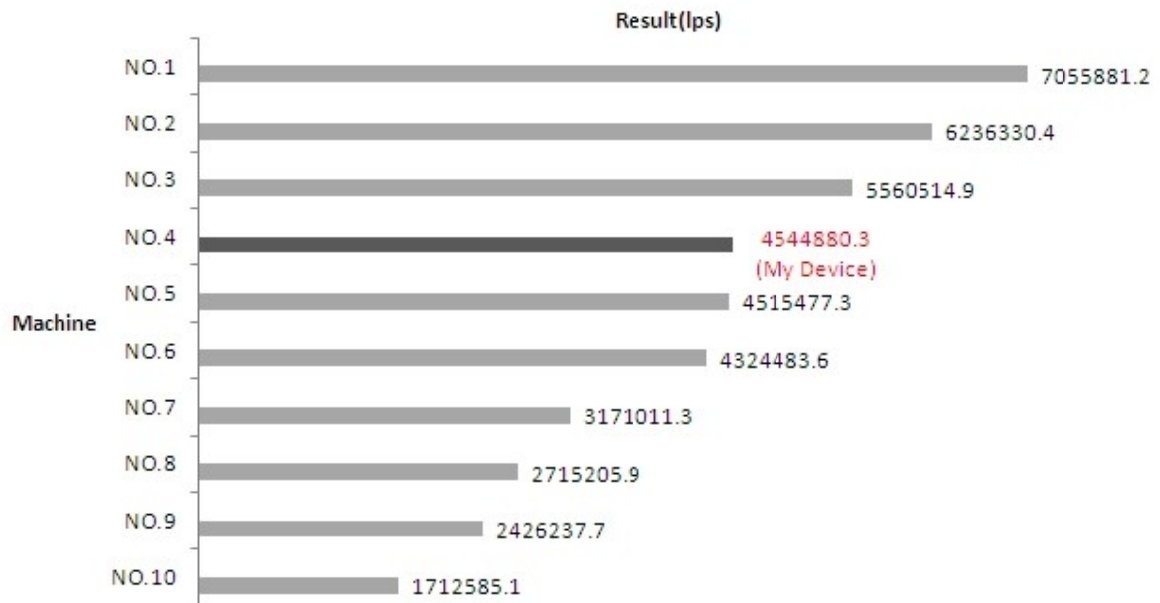
HARDWARE

P105-D	CPU	Rockchip RK3168 Dual core ARM Cortex A9 1.2GHz
	GPU	PowerVR SGX540
P105-Q	CPU	Rockchip RK3188 Quad core ARM Cortex A9 1.6GHz
	GPU	Mali-400 MP4 MAX. 600MHz
Memory	RAM(std/max)	1G/2G DDR3
	ROM(std/max)	1G/32G Nand Flash
Interface	USB	3' full speed USB ports
	VGA	1' VGA output port
	Audio In/Out	1' Audio In port & 1' Audio Out port
	RJ45	1' 10/100 Ethernet port
	DC	1' DC port
Network	Ethernet	10/100M Ethernet network
	WIFI	Built-in 802.11 b/g/n wireless (Optional)
Mounting	Mounted towards or behind monitors	
Power	5V/2A power supply	
Size	30 x 120 x 120 mm	
In Box	Device; Power Adaptor	

SOFTWARE

OS	Android 4.2 / Ubuntu 12.04	
Multimedia	1080P HD full screen playback, all format support, 3D	
RDP	Microsoft Remote Desktop version: 8.0.1.24115	
VGA Resolution	800*600 / 1024*768 / 1366*768 1440*900 / 1280*1024 / 1280*720 / 1920*1080	
Language	Multi-languages: Chinese, English, German, Japanese, Korean, French, Spanish, Portuguese, Russian, Dutch, Czech, Greek etc.	

Linux Benchmarks (Dhrystone 2 without register variables)



Baseline machine was 22366.3 dhrystone 2.

NO.1---Dell Inspiron 9400 Laptop (2.8ghz P4, x86_64 mode), 1gb ram

NO.2---Dell Vostro A860(Intel Celeron 560 2.13, 2GB Ram)

NO.3---Athlon X2 3800+ (Asus M2NPV-VM, 2gb DDR2/800, Fedora 6, i686)

NO.4---My device

NO.5---XP/2400 (Soyo Dragon Ultra-333-Lite, 2gb PC2700)

NO.6---P4/3060 (Clevo OEM Notebook, 1g ddr)

NO.7---Thunderbird/1400 (Abit KG7, Crucial PC2100 CL2.5)

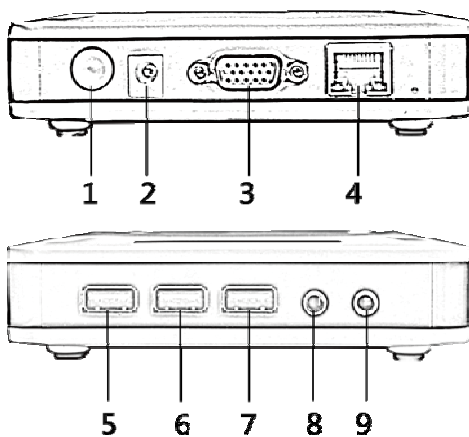
NO.8---Duron/1200 (Abit KG7-RAID, Crucial PC2100 Reg ECC CL2.5)

NO.9---Sempron 2600 (Solaris)

NO.10---Sunfire 280R (2x900Mhz UltraSparc 3, 2gb ram, Solaris 9, gcc 2.95.3)

(P105 Ubuntu Dhrystone Benchmarks – RK3188)

Mechanical Layout/Drawing



1. Power Button
2. DC Charger
3. VGA
4. 10/100M Ethernet
5. USB Host
6. USB Host
7. USB Host
8. Audio In
9. Audio Out