M2Z Image Map

Contents

Android 4.4

Kernel 3.4.2

Features Map

Image	Features	Sub-Features	Status	Performance
Android	USB	HID	YES	
		Storage	YES	
		Usb Camera	Unknown	CameraFi
	WiFi	WiFi Client	YES	
		AP mode	YES	
	Bluetooth	BT	YES	
		BLE	Unknown	
	CAMERA ov5640	photograph	Yes	
		recording	Yes	
	HDMI	1080P	YES	
		720P	YES	
	OTG	adb	YES	
	1080P	MPV	YES	
	GPU	OpenGL	YES	OpenGL ES 2.0, 50.0fps
	TVCast	Television projection	YES	Use HappyCast

Ubuntu 16.04

Kernel 3.4

Features Map

Image	Features	Sub-Features	Status	Performance
Ubuntu	Ethernet to USB	TCP	YES	iperf3 test: 350M/s
		UDP	YES	iperf3 test: 1M/s
	WiFi	WiFi Client	YES	
		AP mode	Developing	hostapd
	Bluetooth	BT	YES	bluetoothctl
		BLE	Developing	hcitool
	CAMERA ov5640	ffmpeg	YES	/usr/local/bin/cameratest.sh
		cap	YES	/usr/local/bin/test_ov5640.sh
		guvcview	YES	
	WiringPI	8x8 LEDs	YES	/usr/local/bin/bpi_test_hello
		1602 LCD	YES	/usr/local/bin/bpi_test_lcd1602
		OLED	YES	/usr/local/bin/bpi_test_52pi
	HDMI	720P	YES	
	RPI GPIO	Recognize	YES	/usr/local/bin/g40.py
	OTG	adb	NO	adbd.sh
		USB Gadget	YES	
	1080P	MPV	YES	
	GPU	OpenGL	YES	glmark2-es2, score: 70

Kernel 4.14.55

Features Map

Image	Features	Sub-Features	Status	Performance
Ubuntu	Ethernet to USB	TCP	YES	iperf3 test: 350M/s
		UDP	YES	iperf3 test: 1M/s
	WiFi	WiFi Client	YES	
		AP mode	Developing	hostapd
	Bluetooth	BT	YES	bluetoothctl
		BLE	Developing	hcitool
	CAMERA ov5640	ffmpeg	Developing	/usr/local/bin/cameratest.sh
		cap	Developing	/usr/local/bin/test_ov5640.sh
		guvcview	Developing	
	WiringPI	8x8 LEDs	YES	/usr/local/bin/bpi_test_hello
		1602 LCD	YES	/usr/local/bin/bpi_test_lcd1602
		OLED	YES	/usr/local/bin/bpi_test_52pi
	HDMI	720P	YES	
	RPI GPIO	Recognize	YES	/usr/local/bin/g40.py
	OTG	adb	NO	adbd.sh
		USB Gadget	YES	
	1080P	MPV	YES	
	GPU	OpenGL	Developing	glmark2-es2, score: 70

Raspbian 8.0

Kernel 3.4

Features Map

Image	Features	Sub-Features	Status	Performance
Raspbian	Ethernet to USB	TCP	YES	iperf3 test: 350M/s
		UDP	YES	iperf3 test: 1M/s
	WiFi	WiFi Client	YES	
		AP mode	Developing	hostapd
	Bluetooth	BT	YES	bluetoothctl
		BLE	Developing	hcitool
	CAMERA ov5640	ffmpeg	YES	/usr/local/bin/cameratest.sh
		cap	YES	/usr/local/bin/test_ov5640.sh
		guvcview	YES	
	WiringPI	8x8 LEDs	YES	/usr/local/bin/bpi_test_hello
		1602 LCD	YES	/usr/local/bin/bpi_test_lcd1602
		OLED	YES	/usr/local/bin/bpi_test_52pi
	HDMI	720P	YES	
	RPI GPIO	Recognize	YES	/usr/local/bin/g40.py
	OTG	adb	NO	adbd.sh
		USB Gadget	YES	
	1080P	MPV	YES	no audio out
	GPU	OpenGL	Unknown	

Raspbian 9.4

Kernel 3.4

Features Map

Image	Features	Sub-Features	Status	Performance
Raspbian	Ethernet to USB	TCP	YES	iperf3 test: 350M/s
		UDP	YES	iperf3 test: 1M/s
	WiFi	WiFi Client	YES	
		AP mode	Developing	hostapd
	Bluetooth	BT	YES	bluetoothctl
		BLE	Developing	hcitool
	CAMERA ov5640	ffmpeg	YES	/usr/local/bin/cameratest.sh
		cap	YES	/usr/local/bin/test_ov5640.sh
		guvcview	YES	
	WiringPI	8x8 LEDs	YES	/usr/local/bin/bpi_test_hello
		1602 LCD	YES	/usr/local/bin/bpi_test_lcd1602
		OLED	YES	/usr/local/bin/bpi_test_52pi
	HDMI	720P	YES	
	RPI GPIO	Recognize	YES	/usr/local/bin/g40.py
	OTG	adb	NO	adbd.sh
		USB Gadget	YES	
	1080P	MPV	YES	no audio out
	GPU	OpenGL	Unknown	

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