M2Z Image Map

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Android 4.4

Kernel 3.4.2

Features Map

Image	Features	Sub-Features	Status	Performance
		HID	YES	
	USB	Storage	YES	
		Usb Camera	Unknown	CameraFi
	WiFi	WiFi Client	YES	
		AP mode YES		
	Bluetooth	ВТ	YES	
		BLE	Unknown	
Android	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
	Ethernet to USB	TCP	YES	iperf3 test: 350M/s
		UDP	YES	iperf3 test: 1M/s
	WiFi	WiFi Client	YES	
		AP mode	Developing	hostapd
	Bluetooth	ВТ	YES	bluetoothctl
		BLE	Developing	hcitool
	CAMERA ov5640	ffmpeg	YES	/usr/local/bin/cameratest.sh
		cap	YES	/usr/local/bin/test_ov5640.sh
Ubuntu		guvcview	YES	
Obuiltu	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	
Obdittu	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

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Image	Features	Sub-Features	Status	Performance	
	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	
Doonbion		guvcview	YES		
Raspbian	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

Features	Sub-Features	Status	Performance
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	
	Ethernet to USB WiFi Bluetooth CAMERA ov5640 WiringPI HDMI RPI GPIO OTG	$\begin{array}{l} \text{Ethernet to USB} \\ \text{Ethernet to USB} \\ \end{array} \begin{array}{l} \text{UDP} \\ \\ \text{WiFi Client} \\ \\ \text{AP mode} \\ \\ \text{BI} \\ \\ \text{BIUetooth} \\ \end{array} \begin{array}{l} \text{BT} \\ \\ \text{BLE} \\ \\ \text{ffmpeg} \\ \\ \text{cap} \\ \\ \text{guvcview} \\ \\ \\ \text{averiew} \\ \\ \\ \text{WiringPI} \\ \end{array} \begin{array}{l} \text{8x8 LEDs} \\ \\ \text{1602 LCD} \\ \\ \text{OLED} \\ \\ \\ \text{HDMI} \\ \\ \text{RPI GPIO} \\ \\ \text{Recognize} \\ \\ \\ \text{adb} \\ \\ \text{USB Gadget} \\ \end{array}$	Ethernet to USB

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[•] This page was last edited on 29 April 2019, at 23:35.