

Android Media Box

Model: MB543

Plazmonic Japan Inc.

Basic Specification

Component	Processor	Cortex A17, Quad Core, up to 2.0GHz, Mali T764 3D Graphic engine
	DRAM	2GB DDR3
	Flash Memory	8GB eMMC
I/O	Video	HDMI
	Audio	Stereo Line-out (3.5mm headphone jack) ,SPDIF
	USB	USB 2.0 Host type A × 4
	SD card slot	SD card (SDHC Class10 compatible)
	UART	RS232 x 2
	Ethernet	10/100 Mbps
	PoE	Power over Ethernet (optional) (IEEE802.3at, IEEE802.3af)
	Comm.	IR
Power	DC input	12V/2A
	Power Consumption	5W (w/o USB devices)
Optional	WiFi	802.11 b/g/n
LED Display	LED	Power (Blue)
Case	Metal Black Box	154.8 x 130.4 x 30.9 mm
Media Format	Video	MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV
	Audio	MP1, MP2, WMA, WAV, AAC, OGG, APE, FLAC
	Picture	JPG, BMP, GIF, JPEG, PNG

Additional Information

● Software

OS

- Android 4.4.2 Kitkat or above (5.0 Beta release)

● Clock Battery (for RTC)

- Lithium-ion non-rechargeable button battery

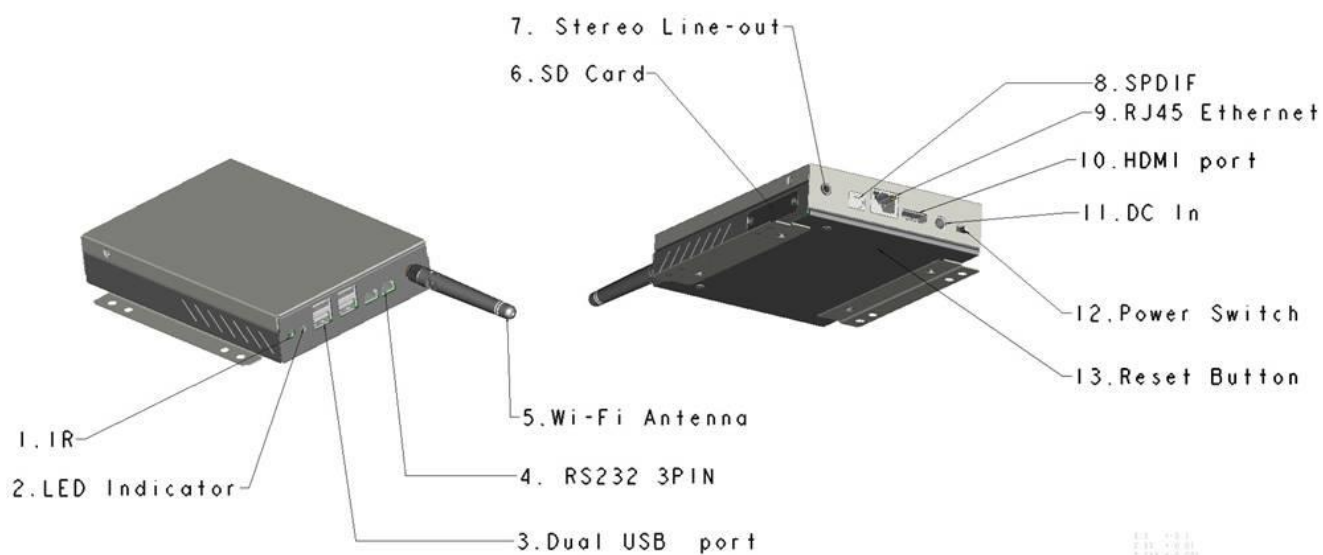
● LED

- Power supply ON: Blue
- Power supply OFF: LED light off

● Case

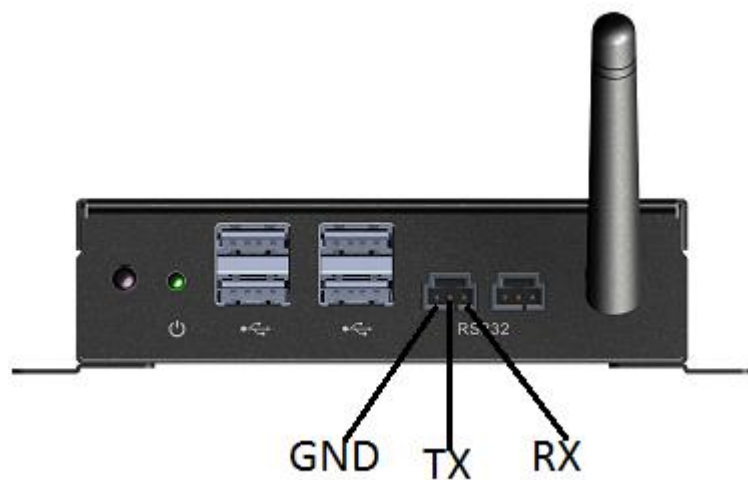
- VESA Mount holes

Case Outlook



3.1 4.0 5.0
2.1 3.1 4.0 5.0
1.1 2.1 3.1 4.0 5.0
0.1 1.1 2.1 3.1 4.0 5.0

RS-232 Pin Define

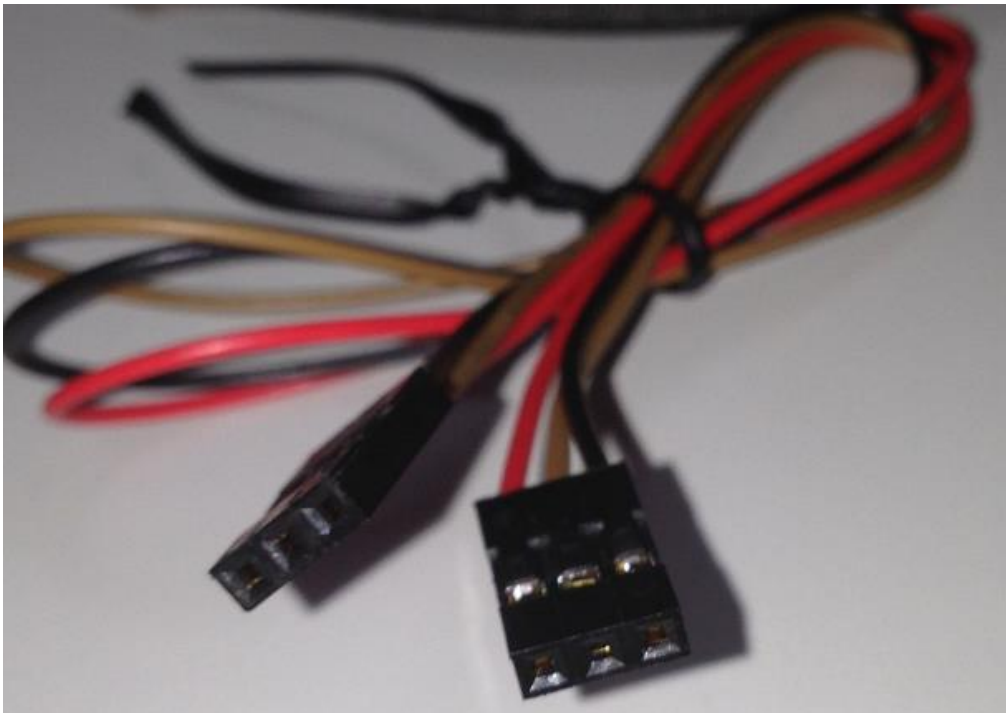


RS-232 settings: baud rate: 115,200bps, stop bit: 8, parity: N.

RS-232 cable is custom made, please check with vendor for your inquiries.

RS-232 cable (Optional)

3 pin RS-232 cable on both ends of the cable. Black colored cable should be plugged into the Ground pin.



Case Dimensions

- 153.3 x 107 x 28.8 mm (LxWxH)
- 153.3 x 133.4 x 30.5 mm (LxWxH) (with mounting kit)

Weight

- 469.8g (main body only excluding AC adapter)

Housing Material

- Body: Metal

Operating Temperature

0°C~ 40°C

Storage Temperature

-20°C~ 60°C

AC adapter

- AC adapter with FCC, CE mark
- Input power spec.: AC 100-240Vac, 2A max. 50-60Hz, DC 12V±5%

Environmental Correspondence

- ROHS

Accessories

- AC adapter,
- Remote control (optional)
- Mounting bracket (screwed on body),

Pre-installed Applications

MB543 Current Pre-install App List	
App name	Description
BasicDreams.apk	Screensaver
Browser.apk	Android default Browser
Calculator.apk	Calculator
Calendar.apk	Calendar
Camera2.apk	Android Camera
CertInstaller.apk	Certificate Services
DeskClock.apk	Take alarm clock
DocumentsUI.apk	Document manager
DownloadProviderUi.apk	download management UI
Email.apk	Android default E-mail
Exchange2.apk	E-mail service
Galaxy4.apk	Live Wallpaper
Gallery2.apk	View Pictures
HTMLViewer.apk	HTML explorer
HoloSpiralWallpaper.apk	Wallpaper
KeyChain.apk	Key authentication
LatinIME.apk	Latin IME
Launcher3.apk	Native desktop
LiveWallpapers.apk	Live Wallpapers
LiveWallpapersPicker.apk	Live Wallpaper
MagicSmokeWallpapers.apk	The application of the wallpaper
MediaFloat.apk	Media
Music.apk	Music
NoiseField.apk	Live Wallpapers of Bubbles
OpenWnn.apk	Japanese IME
PacProcessor.apk	Connection
PackageInstaller.apk	Installs apps - non-market
PhaseBeam.apk	Live Wallpaper app
PhotoTable.apk	Live Wallpaper
PicoTts.apk	Text speech convert engine
PinyinIME.apk	Pinyin IME
PrintSpooler.apk	Print spooler
Provision.apk	Boot loader program
QuickSearchBox.apk	Quick Search Box

RKUpdateService.apk	Update service
RkApkinstaller.apk	APK installer
RkExplorer.apk	File explorer
RkVideoPlayer.apk	Video player
SoundRecorder.apk	sound recorder
Stk.apk	Sim Card
StressTest.apk	Service for stress test
TelephonyProvider.apk	Dial-up records storage service
UserDictionaryProvider.apk	The user data dictionary service
VideoEditor.apk	Movie Studio
VisualizationWallpapers.apk	Visualization Wall papers
WAPPushManager.apk	Tethering connectivity

製品のお見積り・お問い合わせは
株式会社プラズモニックジャパン までご連絡ください。
連絡先：(045) 663 1402 メール：info@plazmonic.jp