

Information Technology Broadcasting and Telecommunications >> Computer Equipment and Accessories >> Computers >> Raspberry Pi

Specifications:

Name	Type	Restrictions	Unit	Properties
Group: Specification				
1. Type	Ordinal	Raspberry Pi Zero W(1), Raspberry Pi 3(2), Raspberry Pi 3 B+(3)	N/A	Mandatory,Filter,Golden
2. Processor	Enumerable	1.2 GHz Quad -Core ARM Cortex-A53 (64Bit), 700 MHz Low Power ARM1176JZFS Application Processor, 1 GHz ARM 11 Single -core Processor	N/A	Mandatory,Filter,Golden
3. System On Chip	Enumerable	Broadcom BCM2837, Broadcom BCM2835	N/A	Mandatory,Filter
4. Operating System	Enumerable	Windows 10 IoT, Linux, Ubuntu	N/A	Mandatory,Filter
5. Type of RAM	Enumerable	LPDDR2, LPDDR3, SDRAM	N/A	Mandatory,Filter
6. RAM Size (MB)	Numeric	512, 1024	N/A	Mandatory,Filter
7. Memory Card Slot	Enumerable	Push/Pull Micro SDIO	N/A	Mandatory
8. Supported Resolutions	Ordinal	640x350(1), 640x480(2), 800x600(3), 1024x720(4)	N/A	Mandatory,Filter
9. GPU	Enumerable	Dual Core Video Core IV Multimedia Co-Processor.Provides Open GLES 2.0,hardware - accelerated Open VG,and 1080p30 H.264 high -profile decode, Capable of 1Gpixel/s,1.5Gtexel/s or 24GFLOPs with texture filtering and DMA infrastructure	N/A	Mandatory
10. General Purpose Input Output (GPIO)	Enumerable	40- pin header ,populated, 40 -pin header, unpopulated	N/A	Mandatory,Filter
11. Ethernet Port	Enumerable	10/100 BaseT Ethernet socket	N/A	Mandatory
12. USB Interface	Enumerable	Type A, Micro	N/A	Mandatory,Filter
13. Audio Output via 3 point 5mm Jack	Boolean	Yes, No	N/A	Mandatory,Filter
14. Video Output	Enumerable	HDMI, Mini HDMI, Composite RCA (PAL AND NTSC)	N/A	Mandatory,Filter

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15. Camera Connector	Enumerable	15- pin MIPI Camera Serial Interface (CSI-2), Smaller Camera Serial Interface	N/A	Mandatory,Filter
16. Display Connector	Enumerable	Display Serial Interface (DSI) 15 way flat flex cable connector with two data lanes and a clock lane	N/A	Mandatory
17. Wireless Connectivity	Enumerable	2.4 GHz 802.11 b/g/n Wireless LAN	N/A	Mandatory
18. Bluetooth Connectivity	Ordinal	4.1(1)	N/A	Mandatory
19. Bluetooth Low Energy	Boolean	Yes, No	N/A	Mandatory
20. Power Ratings	Enumerable	700 mA(3.5 W), 200 mA(1.1 W), 100 mA(0.5 W)	N/A	Mandatory
21. Dimensions (mmxmmxmm) hint: Must Indicate	Text	N/A	N/A	Mandatory
22. Weight (Grams) hint: Must Indicate	Numeric	Any value	N/A	Mandatory
23. Warranty (Year)	Numeric	1, 3	N/A	Mandatory,Filter,Golden