

Differences among Realtek Wi-Fi Modules

Module Feature	RF-WM-11AMB1	RF-WM-11AFB1	RF-WM-10AFB1
Dimension	20 mm x 23 mm		
Core	ARM Cortex M3 (166 MHz)		ARM Cortex M3 (83 MHz)
ROM / RAM / Flash	1 MB / (2 MB + 512 KB) / ext. Flash	1 MB / 512 KB / 1 MB	
SDIO (Master / Slave)	No	Slave	
USB	No		
PCM	Yes	No	
SPI	Yes (x2)		
UART	Yes (HS x1 + Std x1)	Yes (HS x 2 + Std x 1)	
I2S	Yes		
I2C	Yes (x3)		
ADC	Yes (x1)	No	
DAC	No		
PWM	Yes (x4)		No
GPIO	Yes (Max. 21)		Yes (Max. 17)
NFC Tag (R/W)	Yes		No
SSL Engine	Yes		

Note: The biggest difference between RF-WM-11AFB1 and RF-WM-10AFB1 is: RF-WM-10AFB1 does not have PWM and NFC Tag. In addition, the CPU frequency of RF-WM-10AFB1 is half of RF-WM-11AFB1.

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