



AP6275S



AP6275P



WNFB-265AXI(BT)



WNFB-266AXI(BT)



WPEB-265AXI(BT)[B33][B18]



WPEB-265AXI(BT)[R33][R18]

SparkLAN Wi-Fi 6 PRODUCTS

Widest Models | Broadest Scenario | Whole Series Certification

WiFi 6 802.11ax/ac/a/b/g/n Industrial-Grade 2T2R Wi-Fi + BT 5.0 Combo Module Series

SiP Module Series

M.2 2230 Module Series

Half Mini PCIe Module Series (4 SKU)

Model Name	AP6275S	AP6275P	WNFB-265AXI(BT)	WNFB-266AXI(BT)	WPEB-265AXI(BT) Series
Chipset	Broadcom BCM43752	Broadcom BCM43752	Broadcom BCM43752	Broadcom BCM43752	Broadcom BCM43752
Interface	WLAN: SDIO V3.0/2.0 BT: UART/PCM	WiFi : PCIe BT: UART/PCM	WLAN: PCIe BT: UART	WLAN: SDIO 3.0/2.0 BT: UART	WLAN: PCIe BT: USB or UART
Form Factor	SiP (System in Package) LGA Type	SiP (System in Package) LGA Type	M.2 2230 (KEY E)	M.2 2230 (KEY E)	Hal Mini PCIe
Antenna	External	External	2xIPEX MHF4 connectors	2xIPEX MHF4 connectors	2xIPEX MHF1 connectors
Dimension	15 x 13mm	15 x 13mm	22 x 30mm	22 x 30mm	29.85 x 26.65mm
Operating Voltage	DC 3.3V	DC 3.3V	DC 3.3V	DC 3.3V	DC 3.3V or Function GPIO & UART VIO: 1.8V
Operating Temperature	-30°C~85°C	-30°C~85°C	-40°C~85°C	-40°C~85°C	-40°C~85°C
Driver	Linux, Android	Linux, Android	Linux, Android	Linux, Android	Linux, Android
Function	Soft Access Point - Station (AP-STA)	Soft Access Point - Station (AP-STA)	Soft Access Point - Station (AP-STA)	Soft Access Point - Station (AP-STA)	Soft Access Point - Station (AP-STA)
Security	64/128-bits WEP, WPA, WPA2, WPA3, 802.1x	64/128-bits WEP, WPA, WPA2, WPA3, 802.1x	64/128-bits WEP, WPA, WPA2, WPA3, 802.1x	64/128-bits WEP, WPA, WPA2, WPA3, 802.1x	64/128-bits WEP, WPA, WPA2, WPA3, 802.1x
Certifications	FCC / CE / IC / MIC	FCC / CE / IC / MIC	FCC / CE / IC / MIC	FCC / CE / IC / MIC	FCC / CE / IC / MIC

Support 11r, k, v