



HP Intel Wi-Fi 6E AX211 Internal WLAN / Bluetooth 2400 Mbit/s

Brand : HP

Product code: 4D441AV

Product name : Intel Wi-Fi 6E AX211

Intel AX211 Wi-Fi 6E 160MHz + BT 5.3 WLAN

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The Intel® Wi-Fi 6E AX211 (Gig+), a CRF1 (Companion RF), is designed to support Wi-Fi 6E technology. The product supports dual-stream Wi-Fi in the 2.4GHz, 5GHz and 6GHz bands as well as Bluetooth® 5.3. It also supports Wi-Fi 6 R2 features, including UL MU-MIMO2. These new features maximize the benefits of Wi-Fi 6, including Gigabit speed, ultra-low latencies, and enhanced reliability benefits across new radio frequencies exclusive to Wi-Fi 6E devices, and deliver a significant improvement in user experience in dense deployments.

Combined with Intel® Core™ processors and exceptional Intel wireless innovations, the Intel® Wi-Fi 6E AX211 module can dramatically improve your connected experience at home, work, or on the go.

Ports & interfaces		Design	
Connectivity technology *	Wireless	Component for *	Laptop
Host interface *	M.2	Product colour	Green
Interface *	WLAN / Bluetooth	Internal *	✓
Network		Certification	UL, C-UL, CB (IEC 60950-1)
Maximum data transfer rate *	2400 Mbit/s	System requirements	
Networking standards *	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11az, IEEE 802.11b, IEEE 802.11d, IEEE 802.11e, IEEE 802.11g, IEEE 802.11h, IEEE 802.11i, IEEE 802.11k, IEEE 802.11n, IEEE 802.11u, IEEE 802.11w	Windows operating systems supported	Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 IOT Core, Windows 10 Pro, Windows 10 Pro x64, Windows 11, Windows 11 Enterprise, Windows 11 Enterprise x64, Windows 11 Home, Windows 11 Pro, Windows 11 x64
Wi-Fi	✓	Linux operating systems supported	✓
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)	Other operating systems supported	ChromeOS
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Operational conditions	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)	Operating temperature (T-T)	0 - 50 °C
		Operating relative humidity (H-H)	50 - 90%
WLAN data transfer rates supported	2402 Mbit/s	Weight & dimensions	
Modulation	OFDMA	Weight	2.83 g
Security algorithms	EAP-AKA, EAP-SIM, EAP-TLS, EAP-TTLS, WPA2, WPA3	Other features	
MU-MIMO	✓	Compliance	FIPS, FISMA
Bluetooth	✓		
Bluetooth version	5.3		

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