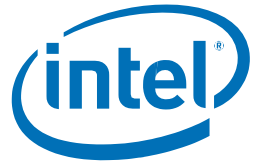




PRODUCT BRIEF
 Intel® Wireless-N 7265
 802.11bgn, 2x2, 2.4 GHz Wi-Fi + Bluetooth® 4.2



Intel® Wireless-N 7265



Enhanced Wi-Fi. Exceptional Features. Enhanced Connected Experience

The Intel® Wireless-N 7265 802.11bgn, 2x2, 2.4GHz Wi-Fi + Bluetooth® 4.2 adapter delivers faster speeds (up to 300 Mbps¹), greater range and more reliability. Combined with 5th Gen Intel® Core™ processors and exceptional Intel wireless innovations, the Intel® Wireless-N 7265 reshapes your connected experience at work, home or on the go.

Experience the Intel Difference



Speed Coverage Capacity

Delivers up to 300 Mbps¹ speed with dual streams (2x2) for better performance and connectivity in more places, through more walls, doors and floors.

802.11bgn, 2x2, 2.4 GHz



Bluetooth®

Dual mode Bluetooth® 4.2 connects to the newest low energy Bluetooth® products as well as your familiar devices, such as headsets, keyboard, mice and more.



Microsoft InstantGo*² Support

Maintains network connectivity with very low power consumption to enable updates to your email, social networks, etc. when your screen is off in standby mode.



M.2 Form Factor

M.2 module supports multiple connectors for flexible system configuration and platform usages. The new M.2 form factor delivers a smaller, lower profile, more flexible form factor for thin-and-light Ultrabook™, notebook and tablet designs.

Intel® Wireless-N 7265 Technical Specifications

General

Dimensions (H x W x D)	M.2 2230: 22 mm x 30.00 mm x 2.4 mm [1.5mm Max (Top Side)/ 0.1mm Max (Bottom Side)]
Weight	2.4g
Diversity	Supported
Radio ON/OFF Control	Supported in both hardware and software
Connector interface	M.2: PCIe, USB
LED Output	On/Off
Operating Temperature (Adapter Shield)	0° to +80° C
Humidity Non-Operating	50% to 90% RH non-condensing (at temperatures of 25°C to 35°C)
Operating Systems	Microsoft Windows 7*, Microsoft Windows 8.1*, Linux* (most features not available on Linux)
Wi-Fi Alliance	Wi-Fi CERTIFIED* a/b/g/n, WMM*, WMM-PS*, WPA*, WPA2*, WPS2*, Protected Management Frames, Wi-Fi Direct* for peer to peer device connections, Wi-Fi Miracast* as Source.
IEEE WLAN Standard	IEEE 802.11bgn, 802.11d, 802.11e, 802.11i, 802.11h, 802.11w
Cisco CCX*	CCX v4*/CCX Lite* Compliant
Architecture	Infrastructure and SoftAP; Supports simultaneous Client and SoftAP modes
Roaming ³	Supports seamless roaming between respective access points (802.11b, 802.11g, 802.11b/g, 802.11b/g/n)
Bluetooth®	Dual Mode Bluetooth® 4.2 BLE

Security⁴

Authentication	WPA and WPA2, 802.1X (EAP-TLS, TTLS, PEAP, LEAP, EAP-FAST), EAP-SIM, EAP-AKA
Authentication Protocols	PAP, CHAP, TLS, GTC, MS-CHAP*, MS-CHAPv2
Encryption	64-bit and 128-bit WEP, AES-CCMP, TKIP
Wi-Fi Direct* Encryption and Authentication	WPA2, AES-CCMP
Product Safety	UL, C-UL, CB (IEC 60950-1)
Management Frame Protection	802.11w (WFA- Protected Management Frames)

Compliance

Government	FIPS ⁵ , FISMA
Retail (Credit Card Processing)	PCI, CISP

Product Name	Model Number	Version
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Intel® Wireless-N 7265	7265NGW BN	802.11bgn, 2x2, Bluetooth® 4.2, PCIe, USB, M.2 2230
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For more information on Intel® Wireless products, visit intel.com/wireless

¹ Based on the theoretical maximum bandwidth enabled by 2x2 802.11n implementations. Actual wireless throughput and/or range will vary depending on your specific operating system, hardware and software configurations. Check with your PC manufacturer for details.

² InstantGo is a Microsoft Windows OS feature in 8.1 (known as Connected Standby in Microsoft Windows 8 and Microsoft Windows RT).

³ Roaming is supported only within each respective band and mode of access points.

⁴ Some security solutions may not be supported by your PC's operating system and/or by your PC manufacturer. Check with your PC manufacturer for details on availability.

⁵ Microsoft Windows 7* and Microsoft Windows 8.1*.

Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products.

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