



PRODUCT BRIEF

Intel® Wireless-N 7260

802.11bgn, 2x2, 2.4 GHz Wi-Fi + Bluetooth 4.0*



Intel® Wireless-N 7260



Enhanced Wi-Fi. Exceptional Features. Enhanced Connected Experience

The Intel® Wireless-N 7260 802.11bgn, 2x2, 2.4GHz Wi-Fi + Bluetooth 4.0* adapter delivers faster speeds (up to 300 Mbps¹), greater range and more reliability. Combined 4th Gen Intel® Core™ processors and exceptional Intel wireless innovations, the Intel® Wireless-N 7260 reshapes your connected experience at work, home or on the go.

Enhanced 802.11bgn Wireless



Speed Coverage Capacity

Delivers up to 300 Mbps 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 4.0* Smart Ready (Low Energy)

Dual mode Bluetooth 4.0 connects to the newest low energy Bluetooth products as well as your familiar devices, such as headsets, keyboard, mice and more.



Intel® Power Optimizer²

Optimized power modes during periods of activity and inactivity to improve platform battery life for greater mobility and convenience. Dramatically lower power consumption than previous generation products.



HMC and M.2 Form Factors

Single sided HMC and M.2 modules support 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.

Experience the Intel Difference



Your Ultrabook™ On Your TV [Intel® Wireless Display³](#)

Watch your PC or Ultrabook™ content instantly without wires on the big HD screen with stunning image clarity and sound. Intel® Wireless Display gives you a serious entertainment upgrade. Stream movies, videos, games, photos, connect with friends, and more—experience it all, bigger and better than ever before.



Always Ready to Go [Intel® Smart Connect Technology⁴](#)

Stay current with automatic, no-wait updates to your email and social networks, even when your device is asleep. Combine it with Intel® WiFi HotSpot Assistant and automatically connect to millions of free and paid hotspots to refresh your content in more locations worldwide.



Instant Internet Worldwide [Intel® WiFi Hotspot Assistant⁵](#)

Delivers instant Internet connectivity at millions of free and paid hotspot worldwide. After accepting a one-time only terms and conditions (T&C) login, your Internet connections are on auto-pilot as you roam the Wi-Fi hotspot universe—even as your Ultrabook™ sleeps. Combine it with Intel® Smart Connect Technology and your favorite cloud content (email, social networks, news, etc.) is automatically refreshed as you roam.

Intel® Wireless-N 7260 Technical Specifications

General

Dimensions (H x W x D)	HMC: 26.80 mm x 30.00 mm x 2.4 mm Max (Top Side) / 1.35 mm Max (Bottom Side) Single Sided M.2: 22 mm x 30.00 mm x 2.4 mm [1.5mm Max (Top Side)/ 0.1mm Max (Bottom Side)]
Weight	TBD
Diversity	Supported
Radio ON/OFF Control	Supported in both hardware and software
Connector interface	HMC: PCIe, USB 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*, Linux* (most features not available on Linux)
Wi-Fi Alliance	Wi-Fi CERTIFIED® a/b/g, Wi-Fi CERTIFIED® n, WMM®, WPA®, WPA2®, and WPS, WPS 2.0, Protected Management Frames, Wi-Fi Direct® for peer to peer device connections
IEEE WLAN Standard	IEEE 802.11bgn, 802.11d, 802.11e, 802.11i, 802.11h, 802.11w
Architecture	Infrastructure and SoftAP; Supports simultaneous Client and SoftAP modes
Roaming ⁶	Supports seamless roaming between respective access points (802.11b, 802.11g, 802.11b/g, 802.11b/g/n)
Bluetooth*	Dual Mode Bluetooth® 2.1, 2.1+EDR, 3.0, 3.0+HS, 4.0 (BLE)

Security⁷

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 ⁸ , 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 ⁸ , FISMA	
Retail (Credit Card Processing)	PCI, CISP	
Product Name	Model Number	Version
Intel® Wireless-N 7260	7260HMW BN 7260NGW BN	802.11bgn, 2x2, Bluetooth 4.0, PCIe, USB, HMC 802.11bgn, 2x2, Bluetooth 4.0, PCIe, USB, M.2

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 Actual platform battery life savings will vary depending on your specific operating system, hardware and software configurations. Check with your PC manufacturer for details.

³ Intel® Wireless Display requires an Intel® Wireless Display enabled PC, tablet, or smartphone, a compatible adapter, and a TV. 1080p and Blu-Ray® or other protected content playback only available on select Intel® processors with built-in visuals enabled. Consult your PC manufacturer. For more information, see www.intel.com/go/widi

⁴ Intel® Smart Connect Technology requires a select Intel® processor, Intel® software and BIOS update, Intel® Wireless adapter, and Internet connectivity. Solid state memory or drive equivalent may be required. Depending on system configuration, your results may vary. Contact your system manufacturer for more information.

⁵ Intel WiFi Hotspot Assistant requires an Intel wireless adapter, Intel® PROSet/Wireless WiFi Software v15.6 or later, and an Internet connection for initial setup with the Easy WiFi® network.

⁶ Roaming is supported only within each respective band and mode of access points.

⁷ 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.

⁸ Microsoft Windows 7 and Microsoft Windows 8.

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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