Ultra Wi-Fi. Ultra Features. Ultra Connected Experience

The Intel® Dual Band Wireless-AC 7260 802.11ac, dual band, 2x2 Wi-Fi + Bluetooth® adapter lets you move at the speed of life with faster speeds (up to 867 Mbps¹), higher capacity, broader coverage and longer battery life. Combined with 4th Gen Intel® Core™ processors and exceptional Intel wireless innovations, the Intel® Dual Band Wireless-AC 7260 dramatically reshapes your connected experience at home, work or on the go.

Next-Gen 802.11ac Wireless

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<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>More Speed</td>
<td>Delivers dramatically faster Wi-Fi speeds (up to 867 Mbps) than 802.11n, with more bandwidth per stream 433 Mbps, more capacity for more users (extended channel bonding 80MHz), broader coverage and better battery life (more data transmit efficiencies reduce power consumption).</td>
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<tr>
<td>Better Coverage</td>
<td>Dual mode Bluetooth® 4.0 connects to the newest low energy Bluetooth® products as well as your familiar devices, such as headsets, keyboard, mouse and more.</td>
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<td>Larger Capacity</td>
<td>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.</td>
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<td>802.11ac, Dual Band, 80MHz</td>
<td>Single sided HMC and M.2 modules support multiple connectors for flexible system configuration and platform usages. The new M.2 form factor (2230 and 2226 Solder Down) delivers a smaller, lower profile, more flexible form factor for thin-and-light designs.</td>
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Experience the Intel Difference

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<td>Always Ready to Go</td>
<td>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.</td>
</tr>
<tr>
<td>Intel® Smart Connect Technology</td>
<td>Supports Intel's hardware-based security and management features built into Intel® Core™ vPro™ processors and chipsets that enables IT to manage PCs virtually anywhere, anytime while reducing deployment costs, improving security and ROI.</td>
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<tr>
<td>Instant Internet Worldwide</td>
<td>Delivers instant Internet connectivity at millions of free and paid hotspot worldwide. After accepting a one-time only terms and conditions (T&amp;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.</td>
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<tr>
<td>Intel® WiFi Hotspot Assistant</td>
<td>Using integrated platform capabilities and popular third-party management and security applications, Intel® AMT allows IT or managed service providers to better discover, repair, and protect their networked computing assets. Intel® AMT is a feature of 3rd generation Intel® Core™ processors with Intel® vPro™ technology.</td>
</tr>
<tr>
<td>Intel® vPro™ Technology</td>
<td>Combines simplified user interface design with advanced IT tools to improve security, reduce complexity and save IT time and money. Streamlines client deployments and allows remote management of wireless settings and profiles by IT managers.</td>
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Business-Class Wireless

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<td>Intel®-vPro™ Technology</td>
<td>Supports Intel’s hardware-based security and management features built into Intel® Core™ vPro™ processors and chipsets that enables IT to manage PCs virtually anywhere, anytime while reducing deployment costs, improving security and ROI.</td>
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<tr>
<td>Intel® Active Management</td>
<td>Using integrated platform capabilities and popular third-party management and security applications, Intel® AMT allows IT or managed service providers to better discover, repair, and protect their networked computing assets. Intel® AMT is a feature of 3rd generation Intel® Core™ processors with Intel® vPro™ technology.</td>
</tr>
<tr>
<td>Technology&quot;</td>
<td>Combines simplified user interface design with advanced IT tools to improve security, reduce complexity and save IT time and money. Streamlines client deployments and allows remote management of wireless settings and profiles by IT managers.</td>
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Intel® Dual Band Wireless-AC 7260 Technical Specifications

General

Dimensions (H x W x D)  
HMC: 26.80 mm x 30 mm x 2.4 mm Max (Top Side) / 1.35 mm Max (Bottom Side) Single Sided  
M.2 2230: 22 mm x 30 mm x 2.4 mm [1.5mm Max (Top Side)/ 0.1mm Max (Bottom Side)]  
M.2 2226: 22 mm x 26 mm x 2.4 mm [1.5mm Max (Top Side)/ 0.1mm Max (Bottom Side)]

Weight  
HMC: 3.0g  
M.2 2230: 2.3g  
M.2 2226: 2.2g

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)  
0º to +80ºC

Humidity Non-Operating  
50% to 90% RH non-condensing (at temperatures of 25ºC to 35ºC)

Wi-Fi Alliance  
Microsoft Windows® 7, Microsoft Windows® 8.1, Linux® (most features not available on Linux)

Wi-Fi CERTIFIED® a/b/g/n/ac, WMM®, WMM-PS®, WPA®, WPA2®, and WPS®. Protected Management Frames, Wi-Fi Direct® for peer to peer device connections, Wi-Fi Miracast® as Source.

IEEE WLAN Standard  
IEEE 802.11abgn, 802.11ac, 802.11d, 802.11e, 802.11i, 802.11n, 802.11w

Architecture  
Infrastructure and SoftAP; Supports simultaneous Client and SoftAP modes

Roaming®  
Supports seamless roaming between respective access points  
(802.11b, 802.11g, 802.11a/b/g/n, and 802.11ac)

Bluetooth®  
Dual Mode Bluetooth® 2.1, 2.1+EDR, 3.0, 3.0+HS, 4.0 (BLE)

Security®  
Authentication  
WPA and WPA2, 802.1X (EAP-TLS, TTLS, PEAP, LEAP, EAP-FAST), EAP-SIM, EAP-AKA

Authentication Protocols  
PAP, CHAP, TLS, GTS, MS-CHAP, MS-CHAPv2

Encryption  
64-bit and 128-bit WEP, AES-CCMP, TKIP

Wi-Fi Direct® Encryption and Authentication  
WiPA2, AES-CCMP

Product Safety  
UL, CUL, CB (IEC 60950-1)

Management Frame Protection  
802.11w (WFA- Protected Management Frames)

Compliance

Government  
FIPS®1, FISMA

Retail (Credit Card Processing)  
PCI, CISP

Product Name | Model Number | Version
---|---|---
Intel® Dual Band Wireless-AC 7260 | 7260HMW | 802.11ac, 2x2, Bluetooth® 4.0, PCIe, USB, HMC
| 7260NGW | 802.11ac, 2x2, Bluetooth® 4.0, PCIe, USB, M.2 2230
| 7260SDW | 802.11ac, 2x2, Bluetooth® 4.0, PCIe, USB, M.2 2226 Solder Down

For more information on Intel® Wireless products, visit intel.com/wireless

1 Based on the theoretical maximum bandwidth enabled by 2x2 802.11ac 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® 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.

4 Intel® vPro™ Technology is sophisticated and requires setup and activation. Availability of features and results will depend upon the setup and configuration of your hardware, software and IT environment. To learn more visit: http://www.intel.com/technology/vpro

5 Intel® vPro™ Technology requires activation and a system with a corporate network connection, an Intel® AMT-enabled chipset, network hardware and software. For notebooks, Intel® AMT may be unavailable or limited over a host OS-based VPN, when connecting wirelessly, on battery power, sleeping, hibernating or powered off. Results dependent upon hardware, setup & configuration. For more information, visit http://www.intel.com/technology/platform-technology/intel-amt

6 Requires activation and a system with a corporate network connection, an Intel® AMT-enabled chipset, network hardware and software. For notebooks, Intel® AMT may be unavailable or limited over a host OS-based VPN, when connecting wirelessly, on battery power, sleeping, hibernating or powered off. Results dependent upon hardware, setup & configuration. For more information, visit http://www.intel.com/technology/platform-technology/intel-amt

7 Intel® PROSet/Wireless Software may not be supported by your PC manufacturer. Check with your PC manufacturer for details on availability.

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

9 Roaming is supported only within each respective band and mode of access points. Supports simultaneous Client and SoftAP modes

10 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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