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 Mbps\(^1\)), higher capacity, broader coverage and longer battery life. Combined with 4\(^\text{th}\) 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

<table>
<thead>
<tr>
<th>More Speed</th>
<th>Better Coverage</th>
<th>Larger Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>802.11ac, Dual Band, 80MHz, 2x2</td>
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</tr>
</tbody>
</table>

Delivers dramatically faster Wi-Fi speeds (up to 867 Mbps\(^1\)) 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).

- **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 Optimizer\(^2\)**
  - 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 (2230 and 2226 Solder Down) delivers a smaller, lower profile, more flexible form factor for thin-and-light designs.

Experience the Intel Difference

- **Always Ready to Go**
  - **Intel® Smart Connect Technology\(^3\)**
    - 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 Assistant\(^4\)**
    - 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.

Business-Class Wireless

- **Intel® vPro™ Technology\(^5\)**
  - 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.

- **Intel® Active Management Technology\(^6\)**
  - 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.

- **Intel® PROSet/Wireless Software\(^7\)**
  - 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.

- **Intel Location Based Service\(^8\)**
  - Enables seamless Wi-Fi indoor location service capability for employees to see campus maps with reference to their location, locate the nearest resource (printer, conference, room, elevator, etc.), or for asset tracking.
## 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 2230b: 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)

**Operating Systems**  
Microsoft Windows 7º, Microsoft Windows 8º, Linux* (most features not available on Linux)

**Wi-Fi Alliance**  
Wi-Fi CERTIFIED® for 802.11ac, Wi-Fi CERTIFIED® a/b/g, Wi-Fi CERTIFIED® n, WM®*, WPA*, WPA2*, and WPS, WPS 2.0, Protected Management Frames, Wi-Fi Direct® for peer to peer device connections

**IEEE WLAN Standard**  
IEEE 802.11abgn, 802.11ac, 802.11ad, 802.11e, 802.11i, 802.11n, 802.11t, 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, 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, TTLS, TAC, 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 11, FISMA

**Retail (Credit Card Processing)**  
P CI, CISP

<table>
<thead>
<tr>
<th>Product Name</th>
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<th>Version</th>
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<tbody>
<tr>
<td>Intel® Dual Band Wireless-AC 7260</td>
<td>7260HMW</td>
<td>802.11ac, 2x2, Bluetooth 4.0, PCIe, USB, HMC</td>
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<tr>
<td></td>
<td>7260NGW</td>
<td>802.11ac, 2x2, Bluetooth 4.0, PCIe, USB, M.2 2230</td>
</tr>
<tr>
<td></td>
<td>7260SDW</td>
<td>802.11ac, 2x2, Bluetooth 4.0, PCIe, USB, M.2 2226 Solder Down</td>
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</tbody>
</table>

For more information on Intel® Wireless products, visit [intel.com/wireless](http://intel.com/wireless)

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1. Based on the theoretical maximum bandwidth enabled by 2x2 802.11ac implementations. Actual wireless throughput and 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® 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.
5. Intel® Wi-Fi CERTIFIED® 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/wifi](http://www.intel.com/technology/wifi)
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 depend upon hardware, setup & configuration. For more information, visit [http://www.intel.com/technology/platform-technology/intel-amt](http://www.intel.com/technology/platform-technology/intel-amt)

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