(intel®)

# Intel® Dual Band Wireless-AC 7260 for Desktop

## Ultra Wi-Fi. Ultra Features. Ultra Connected Experience

The Intel® Dual Band Wireless-AC 7260 for Desktop 802.11ac, dual band, 2x2, Wi-Fi + Bluetooth* adapter lets you connect at the speed of life with faster speeds (up to 867 Mbps[1]), higher capacity, and broader coverage. 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 or the workplace.

### Next-Gen 802.11ac Wireless

**More Speed**
**Better Coverage**
**Larger Capacity**

802.11ac, Dual Band, 80MHz, 2x2

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.

### Experience the Intel Difference

**Your Ultrabook™ , On Your TV**
Intel® Wireless Display[3]

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**
Intel® Smart Connect Technology[4]

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[5]

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[6]

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[7]

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[8]

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[9]**

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.

## Intel® Dual Band Wireless-AC 7260 for Desktop Technical Specifications

### General

| | |
|---|---|
| Dimensions (H x W x D) | 50.85 mm x 69.53 mm x 6.37 mm |
| Weight | 40.68g (with full height PCI bracket, not including antenna weight) |
| Diversity | Antenna diversity supported by supplied, external antenna |
| Radio ON/OFF Control | Supported in both hardware and software |
| Connector interface | Standard PCIe x1 |
| 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℃ to 35℃) |
| Operating Systems | Microsoft Windows 7*, Microsoft Windows 8*, 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, WMM*, WPA*, WPA2*, and WPS, WPS 2.0, Protected Management Frames, Wi-Fi Direct* for peer to peer device connections |
| IEEE WLAN Standard | IEEE 802.11a/b/g/n, 802.11ac, 802.11d, 802.11e, 802.11i, 802.11h, 802.11w |
| Architecture | Infrastructure and SoftAP; Supports simultaneous Client and SoftAP modes |
| Roaming[10] | 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[11]

| | |
|---|---|
| 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[12] ,FISMA |
| Retail (Credit Card Processing) | PCI, CISP |

| Product Name | Model Number | Version |
|---|---|---|
| Intel® Dual Band Wireless-AC 7260 for Desktop | 760HMWDTX1 | 802.11ac, 2x2, Bluetooth 4.0, Standard PCIe x1, PCIe/USB |

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

329379-001US