

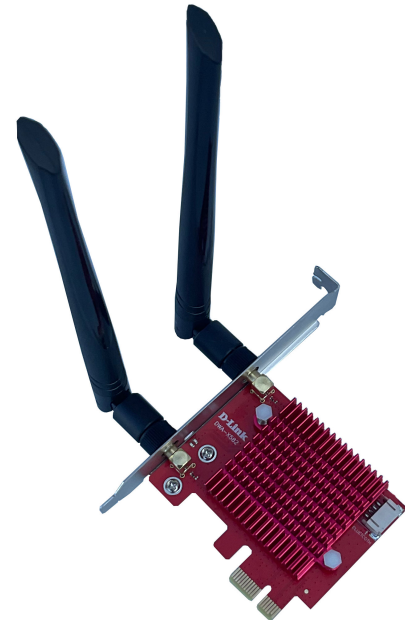
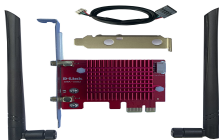
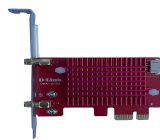


Wi-Fi 6 AX3000 Bluetooth 5.3 Wireless PCIe Adapter

DWA-X582

Ultimate Connectivity: Ultra WiFi 6 AX3000 BT5.3 PCIe Adapter

- Wi-Fi 6 technology for enhanced speeds of up to 3000 Mbps
- 802.11ax protocol with OFDMA and MU-MIMO technologies ensure a fast and efficient Wi-Fi connection
- Refined Security - The Latest WPA3 Encryption
- Low-latency gaming experience
- Super speed PCIe Adapter delivers maximum performance and reliability
- Bluetooth 5.3: Faster Speeds and Greater Range.
- 2 external Dipole Antenna for wider wifi coverage
- PCI Express x1 or x4 interface
- Support low profile bracket.
- Easy installation



High Performance Wi-Fi 6

Enhanced speed and performance
for Wi-Fi Network



WPA3 Encryption

Latest wireless standard for high
security



Low Latency

Uninterrupted connectivity an
smooth wireless experience

PCIe

Super Speed PCIe

Delivers maximum performance
and speed



Easy Install

Simple installation



Flexible Antenna mounting

Magnate wall antenna mount or
compact mount



Support

Bluetooth 5.3

Technical Specifications		DWA-X582
General		
IEEE Standard	IEEE 802.11ax/ac/b/g/n AX3000 (2.4GHz @ 574Mbps ; 5GHz @ 2402Mbps)	
Antenna Type	2 external 5dbi Dipole Antenna	
Requirements		
Operating System	Windows 10/11 (64-bit)	
Interface	PCIe 1x & 4x interface - Low profile bracket included	
Driver		
Driver	Support Windows 10/11 (64-Bit)	
Physical		
Dimensions	110 x 35 x 15 mm	
Weight	35 g	
Power	<ul style="list-style-type: none">• Power consumption: Standby mode - 154 mA Operating mode - 464 mA• Operating voltage: 3.3 V DC ± 10%	
Operating Temperature	0 to 40 °C (32 to 104 °F)	
Storage Temperature	-20 to 75 °C (-4 to 167 °F)	
Operating Humidity	10% to 90% non-condensing	
Storage Humidity	5% to 90% non-condensing	
Certifications	<ul style="list-style-type: none">• CE• Safety• EMC	
Ordering Information		
DWA-X582	Wi-Fi 6 AX3000 Bluetooth 5.3 Wireless PCIe Adapter	

¹ Maximum wireless signal rate derived from IEEE 802.11ax specifications. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors may adversely affect wireless signal range. An 802.11ax client device is required to achieve maximum speeds and performance. Any latency improvement requires that the router and all clients support OFDMA and 802.11ax.