Intel®
Killer™ Wi-Fi 6E AX1675 PCIe Card

This add-on card instantly adds the world's first Wi-Fi 6E module designed for gaming capability to your desktop. This card is based on Intel® Killer™ Wi-Fi 6E AX1675 module. It supports the new 6GHz spectrum which allows gamers to game wirelessly with confidence because the 6GHz bands are not used by older, legacy devices. The AX1675 is a 2x2 6E module that supports 160MHz channels and Bluetooth® 5.3. It delivers up to 2.4Gbps of throughput, low latencies, and the most reliable connections. It fits into any available PCIe slot from x1 to x16 links, and also supports Bluetooth® for easy pairing with keyboards, mice, headphones and other Bluetooth® gadgets. It is also paired with 2T2R extendable antenna to improve your Wi-Fi performance.

2.4 Gbps Theoretical Max Throughput

2x2 Wi -Fi 6E featuring 160 MHz Channels

Bluetooth® 5.3

Intel® Killer™ Intelligence Engine

Intel® Killer™ DoubleShot™ Pro Capable

Intel® Killer™ Intelligence Center

Intel® Killer™ Prioritization Engine
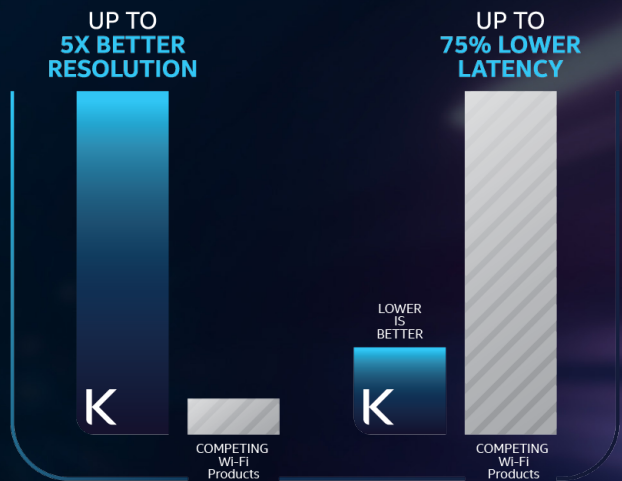
GameFast Technology

Target Audience

Enthusiast Gaming & Streaming	Interested In	Focused On
	• An uncompromising experience with the games they enjoy—high frame rates, fast level loading, no slowdown. • When streaming, they want to maintain great frame rates and responsiveness even while they are live-broadcasting to their fans and followers.	• Intel® Killer™ Prioritization Engine prioritizes games among other apps running at the same time. It can prioritize both downlink and uplink traffic so broadcasting is also protected. • Intel® Killer™ Intelligence Engine detects and recommends the best AP to connect online, ensures game or broadcast is always running at the best connection. • Intel® Killer™ DoubleShot™ Pro enables multiple network paths to send traffics at the same time and makes sure the 1st priority runs at the primary path.
Content Creation	Interested In	Focused On
	• Expecting best performance while working with the professional design tools. • Their work requires certain meeting time to communicate with customers, good quality of online meeting is necessary. • Files they work with are often quite large and can take time to transfer.	• Intel® Killer™ Intelligence Center has duo-mode for user to choose from. It can prioritize design apps under creator mode. • Intel® Killer™ Prioritization Engine prioritizes the most important apps such as video conference app to provide good user experience. • Intel® Killer™ DoubleShot™ Pro enables both multiple network paths for creators to upload files while surfing online or doing conference call at the same time. It improves creators' productivity.

Powered by all-new Wi-Fi 6E technology, the AX1675 includes support for 6 GHz bands which offer more 160 MHz channels for superior gameplay. The AX1675 delivers 2.4 Gbps of theoretical throughput, cutting-edge performance, and introduces technology to provide more usable throughput in crowded environments.

Learn more at intel.com/PerformanceIndex (connectivity)

UP TO
5X BETTER RESOLUTION

UP TO
75% LOWER LATENCY

LOWER IS BETTER

K | COMPETING Wi-Fi Products

K | COMPETING Wi-Fi Products

Key Features

Intel® Killer™ Prioritization Engine
Detects and Prioritizes critical network traffic to ensure games, communication, and streaming video traffic are delivered fast for optimal online experiences. Fully customizable by users.

Intel® Killer™ Intelligence Engine
Monitors and scores nearby wireless networks to ensure your computer is connected to the strongest AP.

Intel® Killer™ DoubleShot™ Pro
Enables simultaneous use of Killer Wi-Fi and Ethernet at the same time. Fully customizable so users can choose which connection each app and website will use.

Product Comparison	Killer AX1675	Competition
Target Customer	Gaming / Performance	General
Support for Wi-Fi 6E (IEEE802.11a/b/g/n/ac/ax) with two spatial streams	✓	Varies
Wireless Max Throughput	2.4 Gbps	Varies
Supports all-new 6 GHz bands	✓	Varies
Supports 160 MHz channel bandwidth at 5 and 6 GHz	✓	Varies
Bluetooth® 5.3	✓	Varies
Intel® Killer™ Intelligence Center - Provides full visibility and control of PC's networking	✓	✗
Intel® Killer™ Intelligence Engine - Auto fixes network issues + recommends other fixes to user	✓	✗
GameFast – Ensures games get critical system resources by pausing non-critical processes	✓	✗
Intel® Killer™ Prioritization Engine	✓	✗
▪ Automatically detects and prioritizes all apps and websites in an optimal way	✓	✗
▪ Network priority levels	6	✗
Default highest priority for network traffic	Games/Video/Voice	✗
Ability to customize each application's network priority	✓	✗
Lag and Latency Reduction Technology for low latency gaming/VoIP	✓	✗
Intel® Killer™ DoubleShot™ Pro Technology	✓	✗
▪ Use Intel® Killer™ Ethernet and Intel® Killer™ Wi-Fi together for throughput up to 4.9 Gbps	✓	✗
▪ Ability to prioritize network traffic between Intel® Killer™ Ethernet and Intel® Killer™ Wi-Fi	✓	✗
Cloud support - push button for detection updates	✓	✗