

## Testing Reveals Reality! Do Products Become Faster with the Latest Standards?

From Wi-Fi 7 and PCIe Gen 5.0 to Thunderbolt 5, products are expected to achieve faster transmission and better performance with each new standard. Come and see Allion's real testing results. We'll show you the truth and the risks associated with these products.



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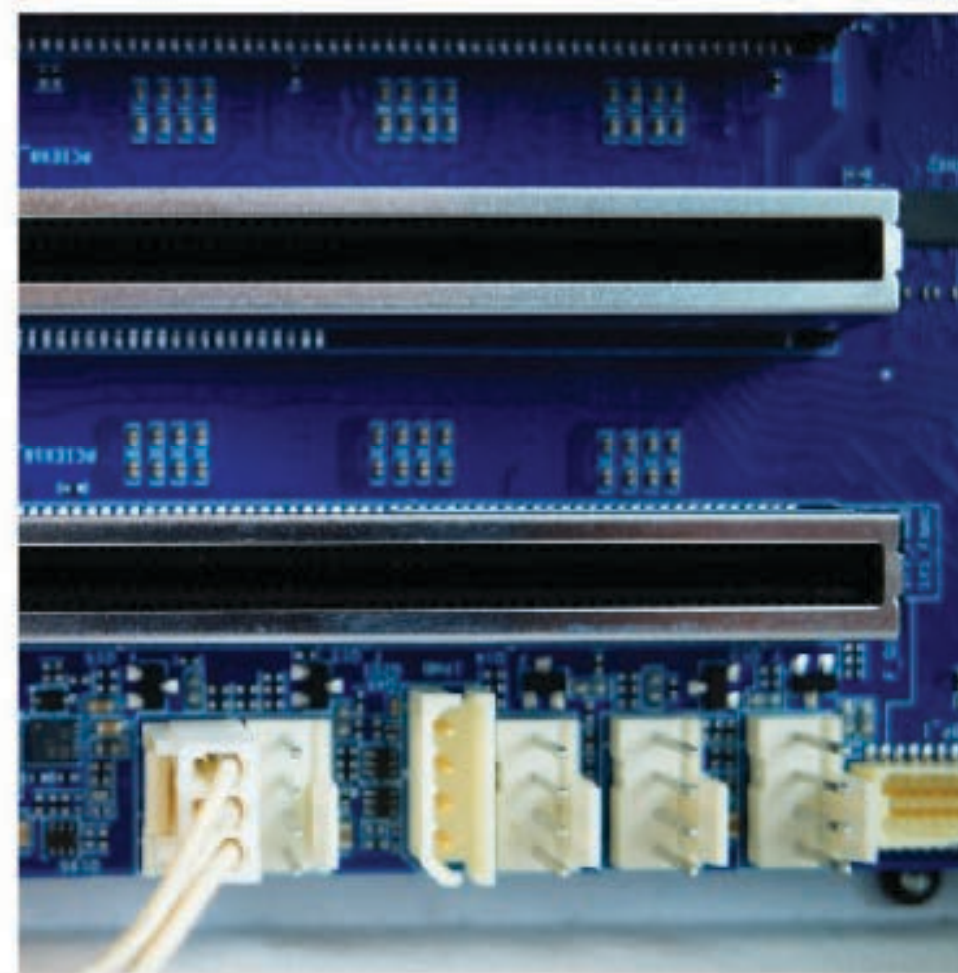


### Wi-Fi 7: Introduction to Wi-Fi's newest wireless performance

The latest Wi-Fi standard, Wi-Fi 7, not only offers higher transmission speeds and lower latency but also supports diverse applications such as AR, VR, gaming, and cloud computing.

Allion has procured some Wi-Fi 7-supported equipment for testing. Our findings revealed that although the hardware specifications of these products meet the latest standards, there are risks of connectivity issues due to software problems or compatibility issues with other chips.

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### Moving Towards the New Generation of PCIe Gen5! NVMe SSD Performance Guide

PCIe Gen5 delivers powerful performance, but if tested solely on typical commercially available systems, there may be concerns about platform performance limitations, leading to compromised data and an inability to fully leverage product capabilities.

Allion conducts thorough data analysis on enterprise-grade PCIe Gen5 SSDs and evaluates their performance. We fully disclose their performance data and characteristics without reservation.

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### Why are Thunderbolt Transmissions Slower than Old Computers?

USB 4 and Thunderbolt 4 interfaces have been widely used in laptops, external ports, monitors, external hard drives, external graphic cards, and others. Intel recently announced that Thunderbolt 5 will be released in 2024, supporting up to 120 Gbps one-way transmissions.

When high-speed data transmission is promised but the actual performance is not up to par, users will be let down. This is a situation that Allion discovered during our test experiments.

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