



TM

# Thunderbolt™ Share



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Connectivity Division

# Thunderbolt™ Share



# Introducing Thunderbolt™ Share

Easy, Fast, and Efficient. Do More With Two PCs



- Thunderbolt™ Share unlocks ultra-fast PC-to-PC connectivity experiences that fundamentally change the way users interact with two PCs.
- Offers users an easy, fast, and efficient way to do more with two PCs by securely sharing screens, keyboard, mouse, storage, and files with the speed of Thunderbolt™ technology.
- Thunderbolt™ Share is a software application we are licensing to OEMs as a value-add feature on their new PCs and Thunderbolt accessories.



# Thunderbolt™ Share Benefits



Get the most out of two PCs, and more from your Thunderbolt™ port



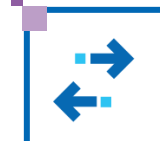
- Super fast connection with high bandwidth and ultra-low latency using standard Thunderbolt cables



- Fast PC-to-PC access for securely sharing screen/monitor, keyboard, mouse, and storage



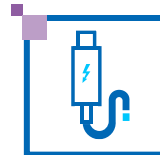
- Sync folders or drag-and-drop files between PCs with the speed of Thunderbolt™



- Quickly transfer data and files from an old computer to a new computer



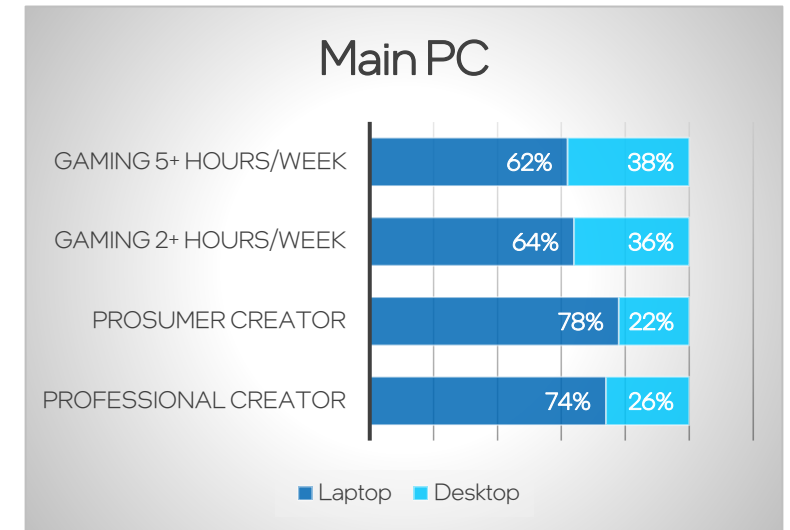
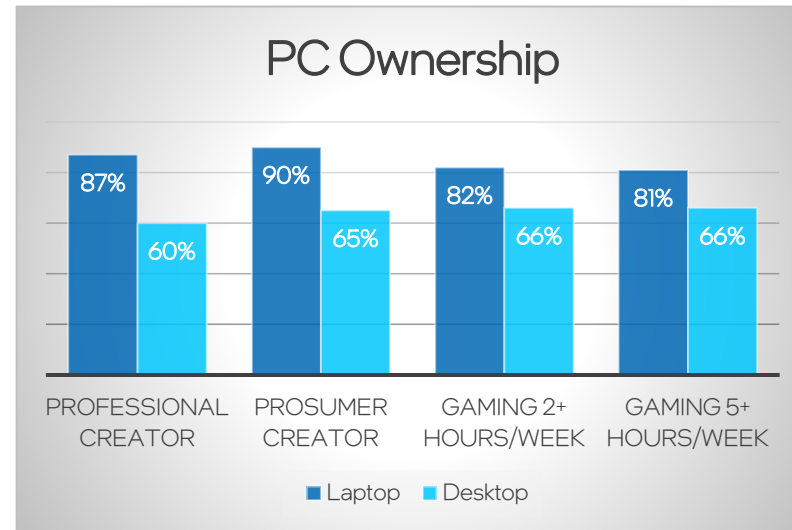
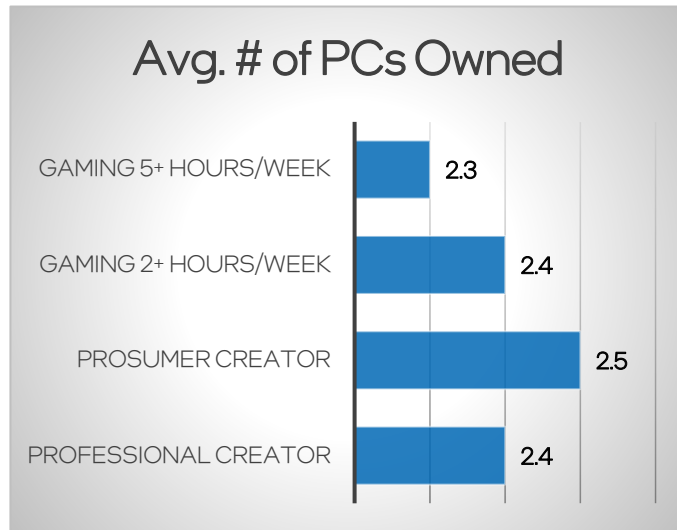
- Hardware based security – SMB/commercial friendly



- Offered with select new Thunderbolt-enabled PCs and accessories, and works with all Thunderbolt™ 4 or Thunderbolt™ 5 products on Windows® OS



# The Growing Demand for Multi-PC Usages



Thunderbolt Share addresses the need for Multi PC usage solutions

Source: I&A 2023 Computer Usage Trends Study (US, DE, PRC)



# Value Across Every PC Segment

## Creator



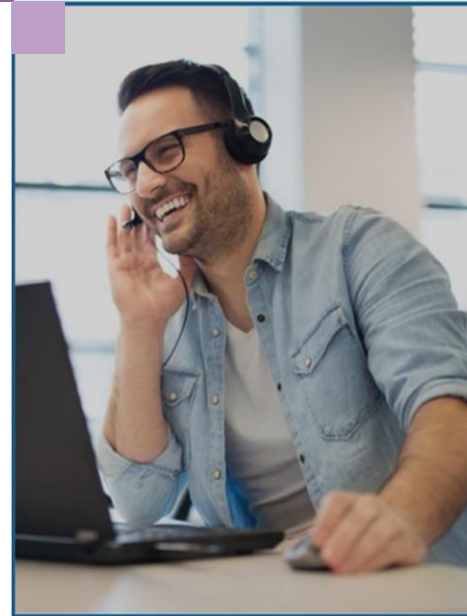
Get **improved productivity and collaboration** in multi-PC workflows with shared application access and high-speed storage

## Gamer



Convenience of **sharing preferred peripherals** optimized for gaming, streaming, and personal usage

## Consumer



Enjoy **better ergonomics** by sharing larger screens between PCs at home for work or school without disconnecting cables

## Business



**Maximize workspaces** using multiple PCs securely sharing peripherals in mixed network environments

High rate of Thunderbolt™ attach

High rate of multi-PC usage

High rate of desktop PC usage

# Flexible Configurations



**Directly between two  
Thunderbolt™ enabled PCs**



**Via a Thunderbolt™ dock**



**Via a Thunderbolt™ monitor**



**Flexible  
Configurations  
People Use and  
Want**

# Easily Do More With Two PCs



Thunderbolt™ Share

## Connect both Computers

- Connect both computers via their Thunderbolt™ port, using a Thunderbolt™ cable.
- Only Thunderbolt™ ports are supported, regular USB-C ports will not work.
- At least one PC or one Thunderbolt™ accessory must be Thunderbolt™ Share licensed by the manufacturer.
- Make sure that Thunderbolt™ Share software is installed and running on the other computer. You can download it from:

Waiting for connection...

?

## Automatic Connection Wizard

Thunderbolt™ Share

## Select what you would like to do

You can start any of these tools from either computer with your Thunderbolt™ connection

- Control Other Computer**  
Fast Computer to Computer desktop access, sharing keyboard, monitors and mouse
- Sync Files**  
Sync folders between computers to make them the same
- Drag & Drop Files**  
Use a file explorer to easily drag and drop files quickly between two computers
- Transfer Data to New Computer**  
Transfer your files from an old computer to a new computer

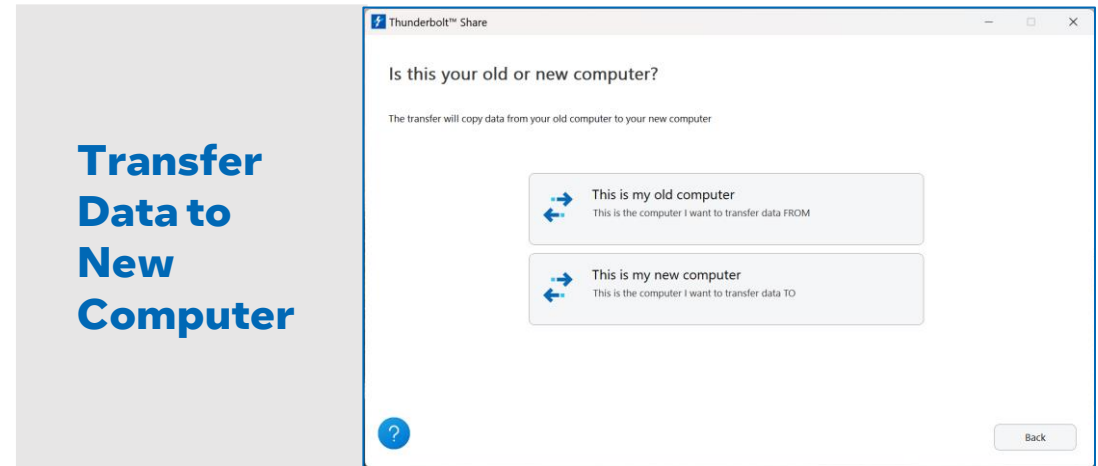
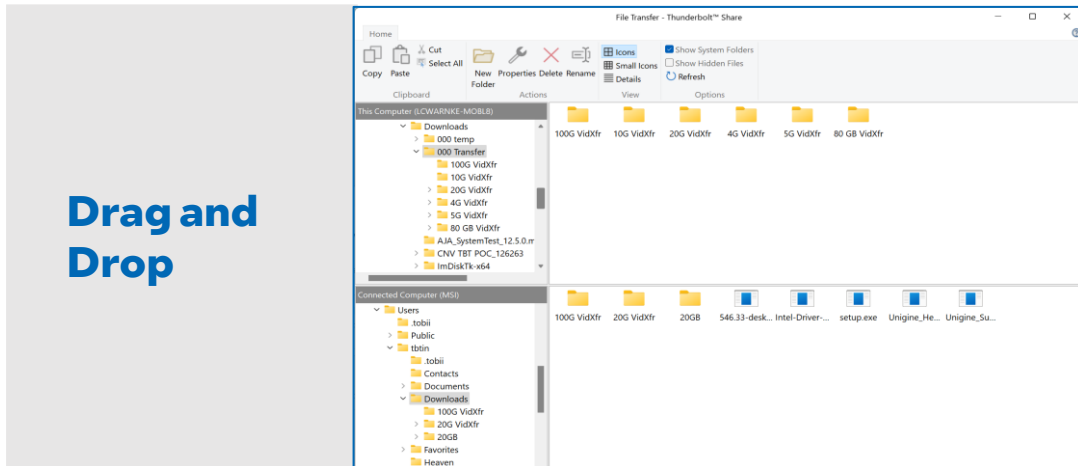
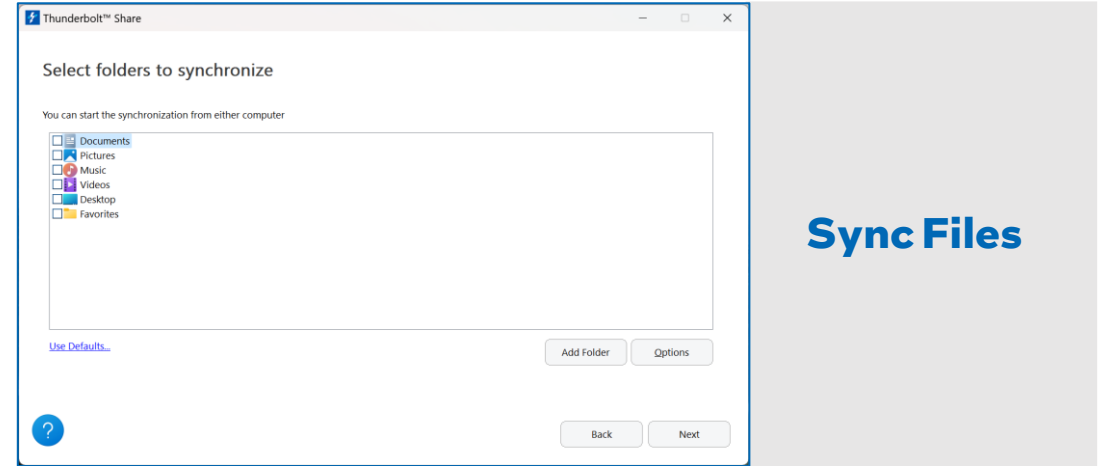
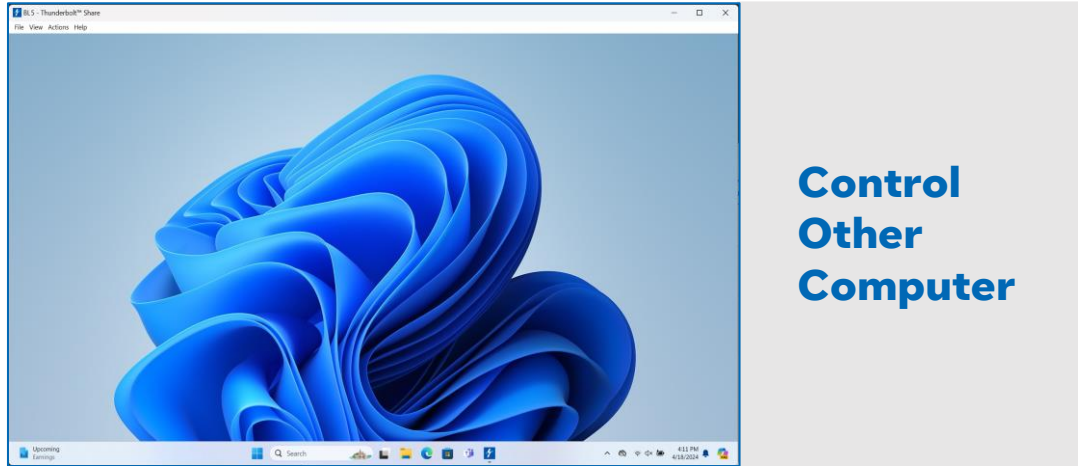
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## Main Menu

## Easily Connect and Get Started



# Intuitive User Interface



## Easy to Accomplish Common Tasks

# Smooth, Uncompressed Screen Sharing



- ✓ Thunderbolt™ Share provides screen sharing – in the original resolution of the source PC – without compression
- ✓ Low latency provides users a smooth and responsive experience for mouse, keyboard and visuals with Full HD screen mirroring at up to 60 frames per second
- ✓ Thunderbolt™ Networking provides a high-performance direct connection that does not impact Wi-Fi or Ethernet network traffic

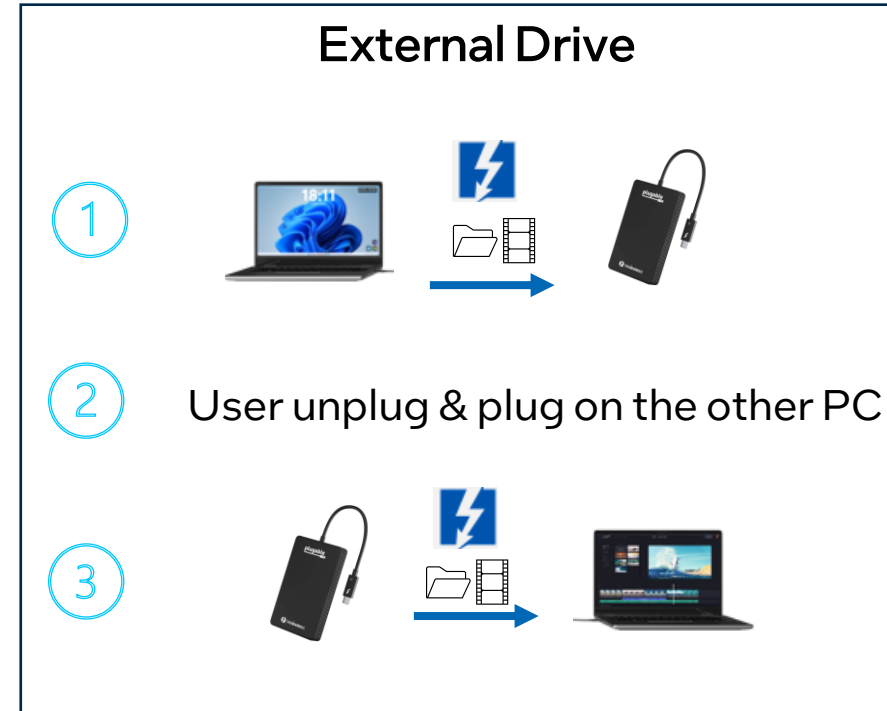
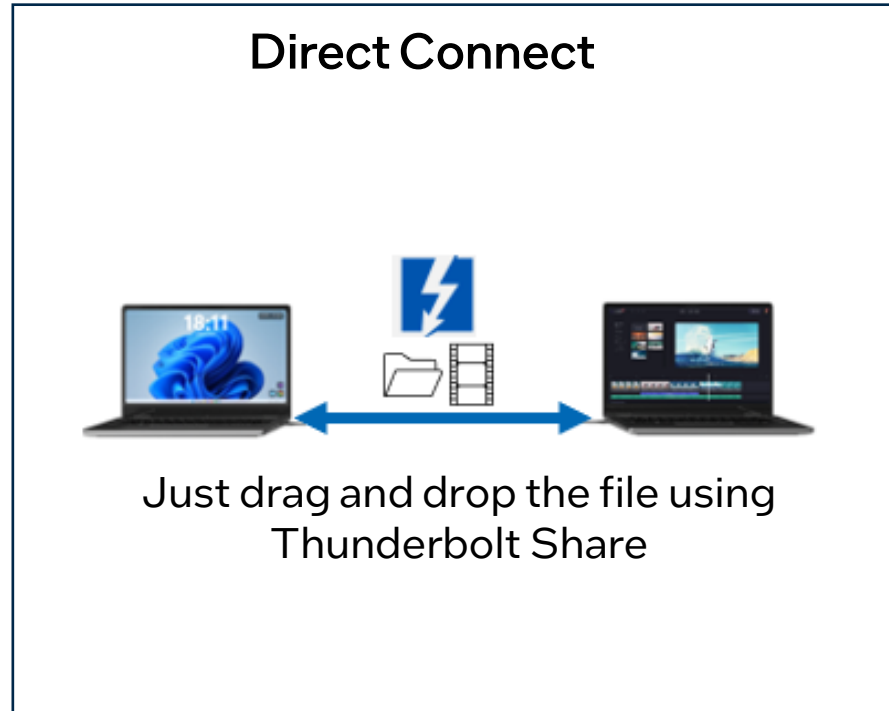
Thunderbolt's high bandwidth and low latency are key factors to a smooth and responsive screen-sharing experience

Performance varies by use, configuration and other factors. Learn more on the [Performance Index site](#).



# Easy, Fast and Efficient way to move files

Thunderbolt™ Share is a simple & cost-effective solution for PC-to-PC fast file transfer



Thunderbolt Share Reduces Steps and Time to Move Files

# Thunderbolt™ Share Security and Privacy

- More secure and private with Peer-to-Peer Wired Connectivity
- Intel® VT-d Based Data Protection
- User Access Control through Windows Password-Locked Screens and restricting sensitive operations to local access only
- Connection exclusive to Thunderbolt Network only
- Network Level Protection via Built-in Windows or any other Firewall
- Enterprise-Level Access Control with Windows Group Policy





# Equipment Set-up



- To use Thunderbolt™ Share, you need a Windows PC or Thunderbolt accessory with Thunderbolt 4 or 5 ports that is licensed with Thunderbolt Share by the OEM
- When a user purchases a Windows PC that is licensed with Thunderbolt™ Share, they can download the application on that PC and any other Windows PC with Thunderbolt 4 or 5 ports, to start sharing
- When a user purchases an accessory that is licensed with Thunderbolt™ Share, they can download the application on any two Windows PCs with Thunderbolt 4 or 5 ports, and start sharing with the accessory in the connection



At least one PC or a Thunderbolt accessory in the connection must be licensed with Thunderbolt™ Share



# Thunderbolt™ Share Coming to Select PCs and Accessories

**msi**®

**Lenovo**

**acer**

**Kensington**®

**belkin**



**R A Z E R**™

**PROMISE**  
TECHNOLOGY



**plugable**

And many more to come...

# Summary



## Thunderbolt™ Share:

- Fundamentally changes the way users interact with two PCs, unlocking ultra-fast PC-to-PC connectivity experiences
- Offers an easy, fast, and efficient way to do more with two PCs by sharing screens, keyboard, mouse, and storage.
- Enables fast file transfers between two PCs with simple drag and drop, folder synchronization, and easy file migration from an old PC to a new PC with the speed of Thunderbolt™ technology.
- Shipping in 2024 with select PCs and accessories featuring Thunderbolt 4 or Thunderbolt 5 ports

**Look for the Thunderbolt™ Share logo**



- Preview version available now for download (look for email with details)
- More info at [intel.com/Thunderbolt](https://intel.com/Thunderbolt) (starting May 15<sup>th</sup>)

# Legal Disclaimer

## Notices & Disclaimers

Performance varies by use, configuration and other factors. Learn more on the [Performance Index site](#).

Performance results are based on testing as of dates shown in configurations and may not reflect all publicly available updates. See backup for configuration details. No product or component can be absolutely secure.

Your costs and results may vary.

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# Q&A



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