MOVE SPEED Vpro series

MOVE SPEED Vpro Series 256GB USB 3.2 Gen2 Dual Interface SSD Thumb Drive User Manual

Model: Vpro Series | Capacity: 256GB

1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your MOVE SPEED Vpro Series 256GB USB 3.2 Gen2 Dual Interface SSD Thumb Drive. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

The MOVE SPEED Vpro Series SSD Thumb Drive offers high-speed data transfer with both USB 3.2 Gen2 Type-A and Type-C interfaces, providing versatile compatibility across various devices.

2. WHAT'S IN THE BOX

- MOVE SPEED Vpro Series 256GB SSD Thumb Drive x1
- Keychain Leather Case x1
- User Manual x1

Transfer 1GB in 2 second

Read up to **1090MB/s**[*]

Transfer 10GB blu-ray movie to external storage [*]

MOVESPEED YV Pro	⫸⫸⫸ 13.5 s	**80%+**↑ SAVE TIME
Solid State USB Drive	⫸⫸⫸⫸⫸ 29 s	
USB 3.0 Drive	⫸⫸⫸⫸⫸⫸⫸⫸⫸⫸⫸ 105 s	
USB 2.0 Drive	⫸⫸⫸⫸⫸⫸⫸⫸⫸⫸⫸⫸⫸⫸⫸⫸⫸ 480+ s	

Image: The MOVE SPEED Vpro Series SSD Thumb Drive and its included leather case.

3. Setup

3.1 Physical Connection

The MOVE SPEED Vpro Series SSD Thumb Drive features a dual-interface design, offering both USB 3.2 Gen2 Type-A and Type-C connectors. To use, simply flip open the protective cover to reveal the desired connector.

1. Identify the appropriate port on your device (computer, laptop, smartphone, etc.).
2. Gently insert the corresponding connector (USB-A or USB-C) of the thumb drive into the device's port. Ensure a firm connection.

Phone PC ⇆ Remplacement facile

USB 3.2 Gen2 & Type-C dual ports, breaking theboundaries between different devices.

USB-A

Type-c

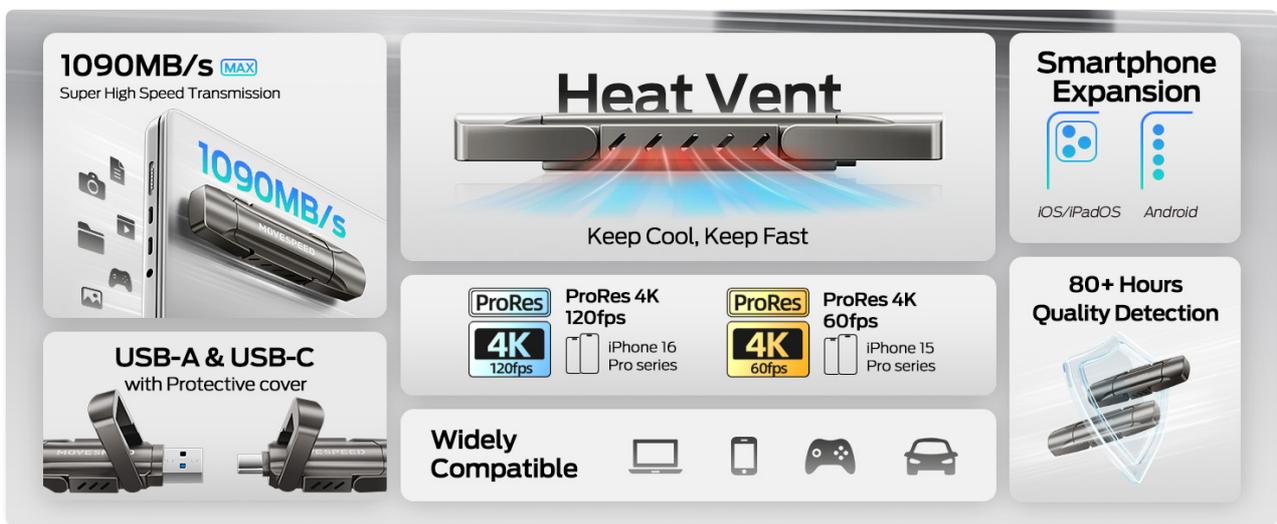Image: The thumb drive with its dual USB-A and USB-C interfaces.

Image: The drive connected to both a laptop and a smartphone, demonstrating its dual interface functionality.

3.2 Initial Recognition

The device is plug-and-play. Upon successful connection, your operating system (Windows, macOS, Android, iOS) should automatically detect the drive and make it accessible. It may appear as a removable disk or external storage device.

4. OPERATING

4.1 Data Transfer

The MOVE SPEED Vpro Series SSD Thumb Drive supports read and write speeds of up to 1000MB/s when connected to a compatible USB 3.2 Gen2 (10Gbps) port or above. Actual speeds may vary based on the host device, file size, and operating system.

- **To Copy Files:** Drag and drop files or folders from your device to the thumb drive's directory, or use the 'Copy' and 'Paste' functions.
- **To Move Files:** Drag and drop files or folders from your device to the thumb drive's directory while holding the 'Shift' key (Windows) or 'Command' key (macOS), or use the 'Cut' and 'Paste' functions.

Video: Demonstrates the high-speed data transfer capabilities of the MOVE SPEED Vpro Series SSD Thumb Drive, showing quick file transfers between devices.

Image: A visual comparison illustrating the superior data transfer speed of the MOVE SPEED YV Pro drive compared to older USB technologies.

Image: A performance graph demonstrating the stable and high write speeds of the MOVE SPEED Vpro Series SSD Thumb Drive.

4.2 Usage with Various Devices

The dual interface ensures broad compatibility:

- **Computers/Laptops:** Connect via USB-A or USB-C port. Ideal for transferring large files, backups, or expanding storage.
- **Smartphones/Tablets:** Connect via USB-C port (e.g., iPhone 15/16/17 Series, Android phones with USB-C). Use for direct photo/video backup, expanding phone storage, or playing media directly.
- **Car Audio Systems/Smart TVs:** Connect via USB-A port for media playback.
- **Game Consoles:** Plug and Play compatibility with various consoles for storage expansion or game data transfer.

USB-A & USB-C
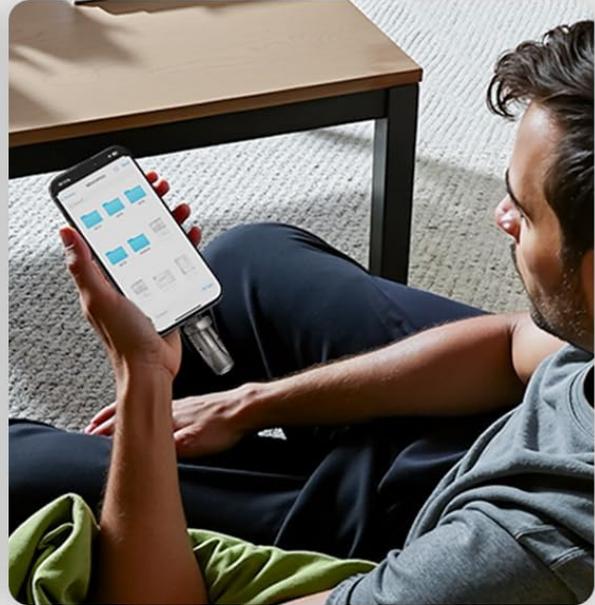
Widely Compatible, Broader Usage

Image: The thumb drive being used with a smartphone, laptop, and game console, highlighting its wide compatibility.

Write at full speed
High-quality TLC flash memory + direct write firmware

Full-disk writing without speed reduction

Write speed / MB/s ● MOVE SPEED YVP ○ Other products

Stable above 800 MB/s+
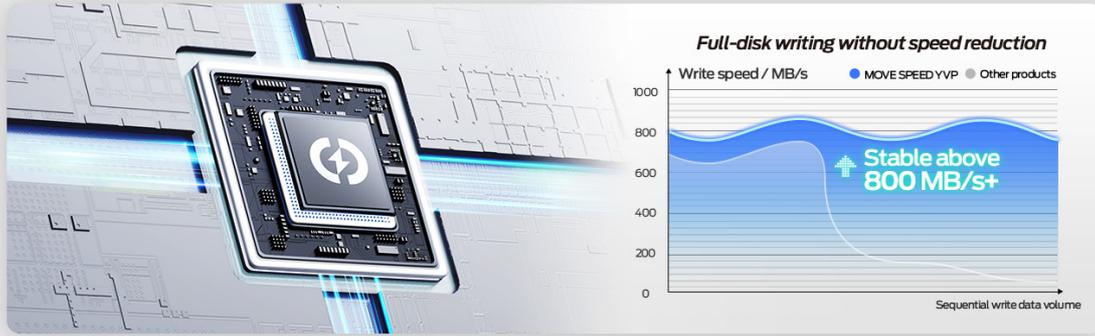
Sequential write data volume

Image: An iPhone recording 4K 120fps ProRes video directly to the connected MOVE SPEED SSD Thumb Drive.

Testing Platform and Result Description

CrystalDiskMark 8.0.4 x64 [Admin]

File Settings Profile Theme Help Language

All | 5 ∨ | 1GiB ∨ | E: 0% (0/954GiB) ∨ | MB/s ∨

	Read (MB/s)	Write (MB/s)
SEQ1M Q8T1	1088.22	1033.59
SEQ1M Q1T1	1002.43	958.18
RND4K Q32T1	244.34	316.60
RND4K Q1T1	25.54	77.63

CPU	Intel Core i5-14600K
Motherboard	ROG MAXIMUS Z790 HERO
Memory	16GB DDR5 6400 CL32
GPU	Intel UHD Graphics 770
SSD	MOVE SPEED YSSDHB-2TN7000
Interface	USB 3.2 Gen2x2 20Gbps
OS	Windows 11 Pro 22H2
Test tool	Crystal Disk Mark 8.0.4

* Actual transfer speeds may vary depending on hardware, transfer method, and other factors. Smartphones and tablets with lower interface versions may experience slower speeds, which is normal.

Image: A smartphone connected to the thumb drive, illustrating its use for storage expansion and data backup.

Convection Cooling Vent
Effectively enhance chip heat dissipation to prevent instability and overheating of the casing.

Keep Cool, Keep Stable

TEMPERING

Before upgrade — After upgrade
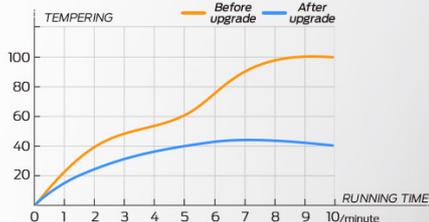
RUNNING TIME /minute

Image: A game console connected to the MOVE SPEED SSD Thumb Drive, indicating compatibility for gaming storage.

4.3 Heat Dissipation

The upgraded SSD class thumb drive features improved heat dissipation performance. During prolonged high-speed transfers, it may become warm, which is normal and indicates efficient heat management to maintain stable performance.

Convection Cooling Vent

Effectively enhance chip heat dissipation to prevent instability and overheating of the casing.

Keep Cool, Keep Stable

Before upgrade — **After upgrade**

TEMPERING

RUNNING TIME

0 1 2 3 4 5 6 7 8 9 10 /minute

Image: A diagram illustrating the convection cooling vent and a graph comparing temperature performance before and after the heat dissipation upgrade.

5. MAINTENANCE

5.1 Durability

The drive is constructed with an SSD-level chip and a high-quality zinc alloy metal case, providing excellent waterproof, dust-proof, anti-drop, high temperature, and anti-magnetic properties. The included leather case

offers additional protection during transport.

5.2 Safe Removal

Always safely eject the drive from your operating system before physically disconnecting it. This prevents data corruption and ensures the longevity of the device.

- **Windows:** Right-click the drive icon in 'This PC' or the taskbar, then select 'Eject'.
- **macOS:** Drag the drive icon to the Trash, or click the 'Eject' icon next to the drive in Finder.
- **Android/iOS:** Follow your device's specific instructions for safely unmounting external storage.

6. TROUBLESHOOTING

- **Drive Not Recognized:**
    - Ensure the drive is fully inserted into the USB port.
    - Try a different USB port on your device.
    - Restart your computer or device.
    - Check your device's Disk Management (Windows) or Disk Utility (macOS) to see if the drive is detected but unformatted.

- **Slow Transfer Speeds:**
    - Ensure you are using a USB 3.2 Gen2 (10Gbps) compatible port on your device. Older USB 2.0 or 3.0 ports will result in lower speeds.
    - Close other applications that might be using system resources or performing background transfers.
    - Large numbers of small files transfer slower than a single large file of the same total size.

- **Drive Gets Warm During Use:**
    - This is normal during high-speed data transfers due to the SSD's performance and efficient heat dissipation. If it becomes excessively hot or causes performance issues, ensure adequate airflow around the drive.

7. SPECIFICATIONS

Feature	Detail
Brand	MOVE SPEED
Model Name	Vpro Series
Capacity	256GB Solid State Drive
Read Speed	Up to 1000 MB/s
Write Speed	Up to 1000 MB/s

Hardware Interface	USB 3.2 Gen 2 (USB Type A, USB Type C)
Flash Memory Type	USB SSD
Special Features	High Speed, Better Heat Dissipation, Dual Interface, SSD Level Chip Technology, Durable Metal Case (Waterproof, Dust-proof, Anti-drop, High Temperature, Anti-magnetic)
Compatibility	Android USB-C Phone, iPhone 15/16/17 Series, Desktop, Laptop, Car Audio, Smart TV, Game Consoles
Item Weight	3.84 ounces
Package Dimensions	5.83 x 5.2 x 1.93 inches

Full Option of Capacity

	4K Videos (20GB)		Lossless music (5MB)		Photos (4MB)		PC Games (4MB)
128GB	≈	6	≈	25000	≈	30000	≈	1-2
256GB	≈	12	≈	50000	≈	60000	≈	3-5
512GB	≈	25	≈	97000	≈	120000	≈	5-10
1TB	≈	50	≈	190000	≈	238000	≈	10-20
2TB	≈	100	≈	400000	≈	500000	≈	20-50

Image: A table detailing the storage capacity of different drive sizes and the estimated number of files they can hold.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official MOVE SPEED website or contact your retailer. Keep your purchase receipt for warranty claims.
You can also visit the MOVE SPEED Store on Amazon for additional product information and support resources.