Lenovo

ThinkPad

DOCKING SOLUTIONS

A Smarter Way to Work

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WHY
LENOVO DOCKING STATIONS

Lenovo docking stations are designed to enhance the potential of any laptop. With it, you can add external devices such as high-resolution displays, charge your laptop, transfer data, even manage and update your dock remotely via Dock Manager. Our Smart Dock solutions take it one step further, adding intelligent cloud-based features such as superior enterprise security, and more.

SMART SOLUTION FOR IT MANAGER

Lenovo's range of docking solutions can provide a competitive edge with seamless firmware updates and in-depth analytics. Enable your IT department to simplify management, improve security, and enhance workforce flexibility.

UNIVERSAL COMPATIBILITY

We understand that most businesses use a variety of brands to meet their ever-changing technology needs. That's why Lenovo cable docks are compatible with both Lenovo laptops and laptops from other brands.* (ThinkPad users will gain access to advanced features, though.)

THINKPAD QUALITY ASSURANCE

Lenovo customers have come to expect nothing less than quality. To meet those expectations, all docking stations must pass rigorous ThinkPad quality tests. Be it 7,000+ cable bends, 48-hour extreme temperature tests, or 100's of hot ejects, those who fail don't leave the factory floor.

SUSTAINABLE DESIGN

Following Lenovo's sustainability efforts, we have added several docking stations to our portfolio that feature recycled materials. Of the plastics used, approximately 25% are Post-Consumer Recycled (PCC). By using recycled materials, we can drastically reduce the waste we produce.

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* For the latest compatibility information, please check the Accessories Compatibility Guide on www.lenovo.com/accessoriesguide, or visit: accessorysmartfind.lenovo.com.

- Lenovo USB-C and Thunderbolt™ Docks function with laptops that support industry-standard USB-C Alt-Mode or Thunderbolt™ protocols through their Type-C™ port. Users may experience reduced performance when not used with the matching protocol.

- Lenovo USB-C and Thunderbolt™ Docks support additional features, such as MAC address pass-through, WOL, and mirrored power button on most Lenovo ThinkPad laptops. Still, such features may not be available on all other Lenovo laptops or non-Lenovo branded laptop systems.

THINKPAD UNIVERSAL SMART DOCKING STATIONS

Our latest Smart Docks provide universal, one-cable connectivity for user convenience, and remote device management features for added efficiency and security. These Azure Sphere enabled Smart Docks securely connect to the cloud, so your IT team can remotely manage, diagnose, update and reboot them – keeping workers productive no matter where they sit.

THINKPAD UNIVERSAL USB-C SMART DOCK

The Lenovo ThinkPad Universal USB-C Smart Dock offers commercial customers a smart way to work. More than just a hub, it's a bridge to a more intelligent future, with universal USB-C compatibility and incredible performance for commercial users, and a secure cloud-based management solution for their IT managers, all powered by Microsoft Azure Sphere.

THINKPAD UNIVERSAL THUNDERBOLT™ 4 SMART DOCK

The Lenovo ThinkPad Universal Thunderbolt™ 4 Smart Dock is the leader in our new series of docks offering a smarter way to work. More than just a hub for your devices, it's a bridge to a more intelligent future, with next-generation Intel® Thunderbolt™ 4 connectivity for commercial users, and a secure cloud-based management solution for their IT managers, all powered by Microsoft Azure Sphere.

THINKPAD UNIVERSAL SMART DOCKING STATIONS COMPARISON TABLE

	ThinkPad Universal USB-C Smart Dock	ThinkPad Universal Thunderbolt™ 4 Smart Dock
Part Number (PN)	40B20135xx	40B10135xx
Solution	USB Type-C™ DisplayPort™ Alt Mode Microsoft Azure Sphere	Intel® Thunderbolt™ 4 Microsoft Azure Sphere
Connectivity	1 m USB-C Cable	0.7 m Thunderbolt™ 4 Cable
Video Ports	2 x DisplayPort™ 1.4 1 x HDMI™ 2.0	2 x DisplayPort™ 1.4 1 x HDMI™ 2.1 1 x Thunderbolt™ 4 (40 Gbps data)
Maximum Video Resolution[1]	4K	8K
Maximum Number of Displays	3	4 x 4K or 1 x 8K
USB Ports	3 x USB-A 3.1 Gen 2[2] (10 Gbps, 1 x always-on charging) 2 x USB-A 2.0[2] 1 x USB Type-C™ (10 Gbps, 5V/3A)	4 x USB-A 3.1 Gen 2[2] (10 Gbps, 1 x always-on charging) 1 x USB Type-C™ (10 Gbps, 5V/3A)
Ethernet (RJ45)	RJ45 : Gigabit Ethernet WiFi : Connection to Cloud service	RJ45 : Gigabit Ethernet WiFi : Connection to Cloud service
Audio	1 x 3.5 mm Combo Audio Jack	1 x 3.5 mm Combo Audio Jack
Power Adapter Inside the Box	135W Power Adapter and Power Cord	135W Power Adapter and Power Cord
Max. Power for Laptop Charging	100W	100W
Power Button to Control System Power	Selected ThinkPad laptops	Selected ThinkPad laptops
PXE Boot	Selected ThinkPad laptops	Selected ThinkPad laptops
MAC Address Pass-through	Selected ThinkPad laptops	Selected ThinkPad laptops
Wake-on-LAN (Sleep, Hibernation and Power-off mode)	Selected ThinkPad laptops	Selected ThinkPad laptops
Cloud Service	Microsoft Azure	Microsoft Azure
Security Platform	Microsoft Azure Sphere	Microsoft Azure Sphere
IT Console	Web-based Management Service	Web-based Management Service
Compatibility OS	Windows, Linux, Chrome, Mac OS	Windows, Linux, Chrome, Mac OS
Warranty	3 years	3 years
Qualified Systems[3]	2020 and later ThinkPad laptops	2020 and later ThinkPad laptops

[1] Actual display resolution is subject to your system's video output capability.

[2] Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: - 5 Gbit/s for USB 3.1 Gen 1; 10 Gbit/s for USB 3.1 Gen 2 & 20 Gbit/s for USB 3.2.

[3] For the latest compatibility information, please check the Accessories Compatibility Guide on www.lenovo.com/accessoriesguide, or visit: accessorysmartfind.lenovo.com.

   • Lenovo USB-C and Thunderbolt™ Docks function with laptops that support industry-standard USB-C Alt-Mode or Thunderbolt™ protocols through their Type-C™ port. Users may experience reduced performance when not used with the matching protocol.

   • Lenovo USB-C and Thunderbolt™ Docks support additional features, such as MAC address pass-through, WOL, and mirrored power button on most Lenovo ThinkPad laptops. Still, such features may not be available on all other Lenovo laptops or non-Lenovo branded laptop systems.

THINKPAD THUNDERBOLT™ DOCKING STATIONS

Maximize your productivity with Lenovo ThinkPad Thunderbolt™ Docks. Powerful, versatile, and incredibly fast! Expand your horizons with multiple 4K displays, and transfer files at record speed. It's everything you need to enhance your creativity and efficiency today.

THINKPAD UNIVERSAL THUNDERBOLT™ 4 DOCK

Lenovo brings you industry-leading Thunderbolt™ 4 docking experience with the new ThinkPad Universal Thunderbolt™ 4 Dock. The dock supports 8K display support, vPro™ pass-through, dynamic power delivery up to 100W and seamless silent firmware updation.

THINKPAD WORKSTATION THUNDERBOLT™ 4 DOCK

ThinkPad Thunderbolt™ 4 Workstation Dock brings in seamless Thunderbolt™ 4 docking experience to empower your workstation's performance and ensure optimum ultra performance with a high power 300W adapter and industry-first vPro™ support.

THINKPAD THUNDERBOLT™ DOCKING STATION COMPARISON TABLE

	ThinkPad Universal Thunderbolt™ 4 Dock	ThinkPad Thunderbolt™ 4 Workstation Dock
Part Number (PN)	40B00135xx	40B00300xx
Connectivity	0.7 m Standard Thunderbolt™ 4 Passive Cable	0.7 m Thunderbolt™ Workstation Dock Split Cable
Video Ports	2 x DisplayPort™ 1.4 1 x HDMI™ 2.1 1 x Thunderbolt™ 4 (40 Gbps data)	2 x DisplayPort™ 1.4 1 x HDMI™ 2.1 1 x Thunderbolt™ 4 (40 Gbps data)
Maximum Video Resolution[1]	8K	8K
Maximum Number of Displays	4	4
USB Ports	4 x USB 3.1 Gen 2[2] (10 Gbps data, 1 x always-on charging port) 1 x USB-C data port (10 Gbps)	4 x USB 3.1 Gen 2[2] (10 Gbps data, 1 x always-on charging port) 1 x USB-C data port (10 Gbps)
Ethernet (RJ45)	Gigabit	Gigabit
vPro™ Support	Yes	Yes
Audio	1 x 3.5 mm Combo Audio Jack	1 x 3.5 mm Combo Audio Jack
Power Adapter Inside the Box	ThinkPad 135W Power Adapter and Power Cord	ThinkPad 300W Power Adapter and Power Cord
Max. Power for Laptop Charging	100W Dynamic Power Charging	Max. 230W charging to MWS with Split Cable (via Slim Tip); Max. 100W charging with Thunderbolt™ 4 connection only
Power Button to Control System Power	Selected ThinkPad laptops	Selected ThinkPad laptops and ThinkPad mobile workstations
PXE Boot	Selected ThinkPad laptops	Selected ThinkPad laptops and ThinkPad mobile workstations
MAC Address Pass-through	Selected ThinkPad laptops	Selected ThinkPad laptops and ThinkPad mobile workstations
Wake-on-LAN (Sleep, Hibernation and Power-off mode)	Selected ThinkPad laptops	Selected ThinkPad laptops and ThinkPad mobile workstations
Warranty	3 years	3 years
Qualified Systems[3]	Selected ThinkPad, Lenovo USB-C, Thunderbolt™ 3, Thunderbolt™ 4 and USB4 laptops	Selected ThinkPad, Lenovo USB-C, Thunderbolt™ 3, Thunderbolt™ 4 and USB4 laptops, 2020 and later ThinkPad mobile workstations
Dock Manager	Yes[4]	Yes[4]

[1] Actual display resolution is subject to your system's video output capability.

[2] Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: 5 Gbit/s for USB 3.1 Gen 1; 10 Gbit/s for USB 3.1 Gen 2; and 20 Gbit/s for USB 3.2.

[3] For the latest compatibility information, please check the Accessories Compatibility Guide on www.lenovo.com/accessoriesguide, or visit: accessorysmartfind.lenovo.com

• Lenovo USB-C and Thunderbolt™ Docks function with laptops that support industry-standard USB-C Alt-Mode or Thunderbolt™ protocols through their Type-C™ port. Users may experience reduced performance when not used with the matching protocol.

• Lenovo USB-C and Thunderbolt™ Docks support additional features, such as MAC address pass-through, WOL, and mirrored power button on most Lenovo ThinkPad laptops. Still, such features may not be available on all other Lenovo laptops or non-Lenovo branded laptop systems.

[4] Support silent firmware update.

LENOVO THUNDERBOLT™ 3 ESSENTIAL DOCK

The Lenovo Thunderbolt™ 3 Essential Dock packs the performance of a premium dock, at a price that all can afford. Powered by Intel's Thunderbolt™ 3 Titan Ridge technology, it's designed to boost your productivity with dual 4K displays, blazing-fast 10 Gbps data rates, and a range of optimized ports.

THINKPAD THUNDERBOLT™ 3 DOCK GEN 2*

The ThinkPad Thunderbolt™ 3 Dock Gen 2 allows you to instantly expand your horizons with multiple 4K displays, handle heavy graphics and video editing with ease, and transfer files at record speed.

THINKPAD THUNDERBOLT™ 3 WORKSTATION DOCK GEN 2*

Unlock more ways to be productive with the new generation of workstation dock. The ThinkPad Thunderbolt™ 3 Workstation Dock Gen 2 turns your ThinkPad Mobile Workstation into a productivity powerhouse, adding support for four 4K displays, optimized one cable charging, a slew of expansion ports, and advanced network manageability features.

THINKPAD THUNDERBOLT™ DOCKING STATION COMPARISON TABLE

	Lenovo Thunderbolt™ 3 Essential Dock	ThinkPad Thunderbolt™ 3 Dock Gen 2	ThinkPad Thunderbolt™ 3 Workstation Dock Gen 2
Part Number (PN)	40AV0135xx	40AN0135xx	40ANY230xx
Connectivity	0.7 m Thunderbolt™ 3 cable	0.7 m Thunderbolt™ 3 cable	0.7 m Docking split cable
Video Ports	1 x DisplayPort™ 1.4 1 x HDMI™ 2.0	2 x DisplayPort™ 1.4 2 x HDMI™ 2.0 1 x Thunderbolt™ 3 (40 Gbps data)	2 x DisplayPort™ 1.4 2 x HDMI™ 2.0 1 x Thunderbolt™ 3 (40 Gbps data)
Maximum Video Resolution[1]	4K	4K	4K, 5K (with two DisplayPort™ output combined)
Maximum Number of Displays	2	4	4
USB Ports	2 x USB 3.0[2] (5 Gbps) 2 x USB-C (10 Gbps)	5 x USB 3.1 Gen 2[2] (10 Gbps; 1 x always-on charging)	5 x USB 3.1 Gen 2[2] (10 Gbps; 1 x always-on charging)
Ethernet (RJ45)	Gigabit	Gigabit	Gigabit
Audio	1 x 3.5 mm Combo Audio Jack	1 x 3.5 mm Combo Audio Jack	1 x 3.5 mm Combo Audio Jack
Power Adapter Inside the Box	135W	135W	230W
Max. Power for Laptop Charging	65W	65W	170W
Power Button to Control System Power	N/A	Selected ThinkPad laptops and mobile workstations	Selected ThinkPad laptops and mobile workstations
PXE Boot	Selected ThinkPad laptops	Selected ThinkPad laptops and mobile workstations	Selected ThinkPad laptops and mobile workstations
MAC Address Pass-through	Selected ThinkPad laptops	Selected ThinkPad laptops and mobile workstations	Selected ThinkPad laptops and mobile workstations
Wake-on-LAN (Sleep, Hibernation and Power-off mode)	Selected ThinkPad laptops	Selected ThinkPad laptops and mobile workstations	Selected ThinkPad laptops and mobile workstations
Warranty	1 year	3 years	3 years
Qualified Systems[3]	2019 and later selected ThinkPad Thunderbolt™ and USB-C enabled laptops	2018 and later selected ThinkPad Thunderbolt™ and USB-C enabled laptops	2018 and later selected ThinkPad laptops and mobile workstations
Dock Manager	Yes	Yes	Yes

[1] Actual display resolution is subject to your system's video output capability.

[2] Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: 5 Gbit/s for USB 3.1 Gen 1; 10 Gbit/s for USB 3.1 Gen 2; and 20 Gbit/s for USB 3.2.

[3] For the latest compatibility information, please check the Accessories Compatibility Guide on www.lenovo.com/accessoriesguide, or visit: accessorysmartfind.lenovo.com
  • Lenovo USB-C and Thunderbolt™ Docks function with laptops that support industry-standard USB-C Alt-Mode or Thunderbolt™ protocols through their Type-C™ port. Users may experience reduced performance when not used with the matching protocol.
  • Lenovo USB-C and Thunderbolt™ Docks support additional features, such as MAC address pass-through, WOL, and mirrored power button on most Lenovo ThinkPad laptops. Still, such features may not be available on all other Lenovo laptops or non-Lenovo branded laptop systems.

* This product cannot support the new ultra-performance mode on new 2021 ThinkPad Mobile Workstations. Please purchase the 2021 ThinkPad Thunderbolt™ 4 Workstation Dock for ultra-performance support on 2021 ThinkPad Mobile Workstations.

THINKPAD
USB-C AND HYBRID DOCKING STATIONS

The ThinkPad USB-C and Hybrid Docks
are the new generations of universal
docking solutions based on the latest
USB-C and DisplayLink technology. They
provide high-speed data transfer, support
4K UHD resolution, and rapid charging to
ThinkPad selected laptops.

THINKPAD HYBRID USB-C WITH USB-A DOCK

The ThinkPad Hybrid USB-C with USB-A Dock expands the capabilities of almost any laptop, new or old, making it perfect for enterprise customers with mixed-PC or shared-desk environments, featuring enterprise-class manageability like PXE boot and MAC address pass-through. The ThinkPad Hybrid USB-C with USB-A Dock offers three high-speed USB 3.1 ports, up to two 4K UHD resolution, and rapid charging on ThinkPad selected laptops with a USB-C connection. Also, with the included USB-C to USB-A adapter, it can provide port replication to non-USB-C laptops.

THINKPAD UNIVERSAL USB-C DOCK

The ThinkPad Universal USB-C Dock is a welcome innovation docking that takes users beyond tradition and into the realm of limitless potential. Experience universal compatibility with dynamic power charging max as 100W to notebooks, automated firmware updates, next-level plug-and-play. Everything you'd want from the future of docking is here. It's perfect for mixed PC environments too, giving user's the freedom to connect any USB Type-C™ industry standard laptops.

THINKPAD USB-C DOCK GEN 2

With our ThinkPad USB-C Dock Gen 2's one-cable universal docking solutions, you can say goodbye to limitations and enjoy vivid 4K displays or multiple 1080p screens, charge your laptop, connect legacy USB peripherals, wired networks, and rapidly charge your mobile devices.

LENOVO USB-C MINI DOCK

Wish you could do more with your laptop? The Lenovo USB-C Mini Dock lets you expand your options and add powerful capabilities with just a single USB-C connection. Charge any legacy device with USB-A ports and effortlessly add an extra 4K or HD display, enterprise networking, and an external 3.5 mm combo audio jack.

THINKPAD USB-C AND HYBRID DOCKING STATION COMPARISON TABLE

	ThinkPad Hybrid USB-C with USB-A Dock	ThinkPad Universal USB-C Dock	ThinkPad USB-C Dock Gen 2	Lenovo USB-C Mini Dock
Part Number (PN)	40AF0135xx	40AY0090xx	40AS0090xx	40AU0065xx
Connectivity	1 m USB-C cable with USB-C to USB-A adapter	1 m USB-C cable	1 m USB-C cable	240 mm embedded cable
Video Ports	2 x DisplayPort™ 1.2 2 x HDMI™ 2.0	2 x DisplayPort™ 1.4 1 x HDMI™ 2.0	2 x DisplayPort™ 1.4 1 x HDMI™ 2.0	1 x HDMI™ 2.0 1 x VGA
Maximum Video Resolution[1]	4K	4K	4K	4K
Maximum Number of Displays	2	3	3	1
USB Ports	2 x USB 2.0[2] 3 x USB 3.1 Gen 2[2] (10 Gbps, 1 x always-on charging) 1 x USB-C (10 Gbps, 5V/3A)	2 x USB-A 2.0[2] 3 x USB-A 3.1 Gen 2[2] (10 Gbps, 1 x always-on charging) 1 x USB-C (10 Gbps, 5V/3A)	2 x USB-A 2.0[2] 3 x USB-A 3.1 Gen 2[2] (10 Gbps, 1 x always-on charging) 1 x USB-C (10 Gbps, 5V/3A)	1 x USB-A 3.1 Gen 1[2] 1 x USB-C 3.1 Gen 1[2] 1 x USB-A 2.0
Ethernet (RJ45)	Gigabit	Gigabit	Gigabit	Gigabit
Audio	1 x 3.5 mm Combo Audio Jack	1 x 3.5 mm Combo Audio Jack	1 x 3.5 mm Combo Audio Jack	1 x 3.5 mm Combo Audio Jack
Power Adapter Inside the Box	135W	90W	90W	65W (with USB Type-C™)
Maximum Power for Laptop Charging	90W (with USB-C connection)	65W with inbox 90W AC attached; 100W dynamic charging with 135W AC attached (sold separately)	60W	45W
Power Button to Control System Power	Selected ThinkPad and Lenovo laptop with USB-C connection	Selected ThinkPad, Lenovo and ThinkBook laptops	Selected ThinkPad, Lenovo and ThinkBook laptops	N/A
PXE Boot	Selected ThinkPad laptops	Selected ThinkPad laptops	Selected ThinkPad laptops	Selected ThinkPad laptops
MAC Address Pass-through	Selected ThinkPad laptops	Selected ThinkPad laptops	Selected ThinkPad laptops	Selected ThinkPad laptops
Wake-on-LAN (Sleep, Hibernation and Power-off mode)	Selected ThinkPad laptops	Selected ThinkPad laptops	Selected ThinkPad laptops	Selected ThinkPad laptops
Warranty	3 years	3 years	3 years	1 year
Qualified Systems[3]	Selected ThinkPad, ThinkBook and Lenovo laptops	2020 and later selected ThinkPad, ThinkBook and Lenovo laptops	2018 and later selected ThinkPad, ThinkBook and Lenovo laptops	2018 and later selected ThinkPad, ThinkBook and Lenovo laptops
Dock Manager	Yes	Yes[4]	Yes	N/A

[1] Actual display resolution is subject to your system's video output capability.

[2] Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: 5 Gbit/s for USB 3.1 Gen 1; 10 Gbit/s for USB 3.1 Gen 2; and 20 Gbit/s for USB 3.2.

[3] For the latest compatibility information, please check the Accessories Compatibility Guide on www.lenovo.com/accessoriesguide, or visit: accessorysmartfind.lenovo.com.
   • Lenovo USB-C and Thunderbolt™ Docks function with laptops that support industry-standard USB-C Alt-Mode or Thunderbolt™ protocols through their Type-C™ port. Users may experience reduced performance when not used with the matching protocol.
   • Lenovo USB-C and Thunderbolt™ Docks support additional features, such as MAC address pass-through, WOL, and mirrored power button on most Lenovo ThinkPad laptops. Still, such features may not be available on all other Lenovo laptops or non-Lenovo branded laptop systems.
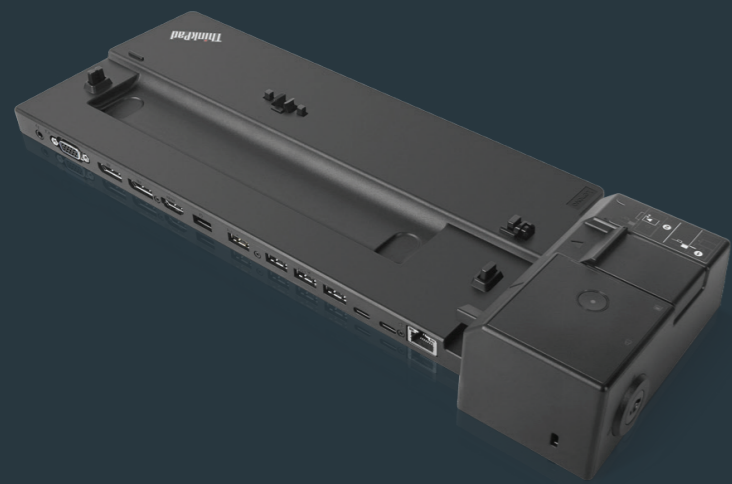
[4] Support silent firmware update.

THINKPAD
MECHANICAL
DOCKING
STATIONS
(2018)

ThinkPad Docking Stations provide the best docking experience for large enterprise ThinkPad customers. The innovative side connector, designed exclusively for ThinkPad laptops, provides a driver-free way to connect conveniently and securely to a range of USB accessories and external displays, while rapid charging support and a mirrored power button make going mobile even easier. It is compatible with 2020/2019/2018 ThinkPad selected systems, including X1 serials.

THINKPAD ULTRA DOCKING STATION

The ThinkPad Ultra Docking Station delivers 10 Gbps of high-speed data through four USB 3.1 ports and up to three UHD displays. Combined with a 135W adapter, it is perfect for the customer who is looking for industry-leading docking performance.

THINKPAD MECHANICAL DOCKING STATION (2018) COMPARISON TABLE

	ThinkPad Ultra Dock
Part Number (PN)	40AJ0135xx
Connectivity	Side-connector
Video Ports	Video 1 : DisplayPort™ 1.4 Video 2 : HDMI™ 2.0 Video 3 : DisplayPort™ 1.4 Video 3 : VGA
Maximum Video Resolution[1]	3 x 4K @ 60 Hz
Maximum Number of Displays	3
USB Ports	4 x USB 3.1 Gen 2[2] (10 Gbps, 1 x always power-on) 2 x USB-C (10 Gbps, 5V/3A bus power)
Ethernet (RJ45)	Gigabit
Audio	1 x 3.5 mm Combo Audio Jack
Security	Kensington® lock slot Master key slot[3]
Power Adapter Inside the Box	135W
Maximum Power for Laptop Charging	65W
Power Button to Control System Power	Selected ThinkPad laptops
PXE Boot	Selected ThinkPad laptops
MAC Address Pass-through	Selected ThinkPad laptops
Wake-on-LAN (Sleep, Hibernation and Power-off mode)	Selected ThinkPad laptops
Warranty	3 years
Qualified Systems[4]	2021/2020/2019/2018 selected ThinkPad laptops

[1]   Actual display resolution is subject to your system's video output capability.

[2]   Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications:
5 Gbit/s for USB 3.1 Gen 1; 10 Gbit/s for USB 3.1 Gen 2; and 20 Gbit/s for USB 3.2.

[3]   Lenovo Basic docks can install a master key mechanism. The master key solution is sold separately with a key slot option PN: 4XE0Q56388.

[4]   For the latest compatibility information, please check the Accessories Compatibility Guide on www.lenovo.com/accessoriesguide, or visit: accessorysmartfind.lenovo.com.

LENOVO
USB-C
HUBS

Don't let your laptop, tablet, or workstation's onboard expansion ports limit your creativity and freedom. Lenovo USB-C Hubs are versatile, ultra-portable accessories that offer expanded networking, video, audio, data, and charging capabilities in a sleek, compact form factor. Whether at the office or on-the-go, you'll have everything you need to maximize your productivity.

LENOVO POWERED USB-C TRAVEL HUB

One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo Powered USB-C Travel Hub fits unlimited productivity inside your everyday bag. Pair with 2018/2019/2020 selected ThinkPad systems for best results and powerful enterprise features.

LENOVO USB-C 7-IN-1 HUB

Gone are the days of stuffing your bag with dongles, adapters, and cables in an attempt to prepare for what the world might throw at you. Now you can enjoy unlimited productivity and expandability with just one, sleek, and compact USB-C 7-in-1.

LENOVO USB-C TRAVEL HUB GEN 2

The Lenovo USB-C Travel Hub Gen 2 delivers essential portability on-the-go to make sure your produtivity is never compromised. This ergonomic hub delivers all the required connectivity to an external display, wired network and USB device of your choosing with one single USB-C cable.

LENOVO USB-C HUB COMPARISON TABLE

	Lenovo Powered USB-C Travel Hub	Lenovo USB-C 7-in-1 Hub	Lenovo USB-C Travel Hub Gen 2
Part Number (PN)	4X90S92381	4X90V55523	4X91A30366
Connectivity	160 mm USB-C cable with cable management slot	140 mm USB-C cable	1 x USB-C cable connectivity
Video Ports	1 x HDMI™ 2.0 1 x VGA	1 x HDMI™ 1.4	1 x HDMI™ 1.4 1 x VGA
Maximum Video Resolution[1]	1 x 4K	1 x 4K	4K @ 30 Hz via HDMI™ 1080p @ 60 Hz via VGA
Maximum Number of Displays	1	1	1
USB Ports	1 x USB-A 3.0[2] 1 x USB-A 2.0[2] 1 x USB-C power pass-through	2 x USB-A 3.1 Gen 1[2] 1 x USB-A 2.0[2] 1 x USB-C power pass-through	1 x USB-A 3.0[2]
Card Readers	N/A	1 x TF Card Reader 1 x SD Card Reader	N/A
Ethernet (RJ45)	Gigabit	N/A	Gigabit
Audio	N/A	N/A	N/A
Power Consumption	15W; can be powered by a system[3] without additional AC adapter	15W; can be powered by a system[3] without additional AC adapter	15W; can be powered by a system[3] without additional AC adapter
USB-C Power Pass-through for Laptop Charging	Able to work with Lenovo 45W & 65W USB-C power adapter[4], charging Lenovo USB-C laptops	Able to work with Lenovo 45W & 65W USB-C power adapter[4], charging Lenovo USB-C laptops	N/A
PXE Boot	Selected ThinkPad laptops	N/A	Selected ThinkPad laptops
MAC Address Pass-through	Selected ThinkPad laptops	N/A	Selected ThinkPad laptops
Wake-on-LAN	Selected ThinkPad laptops	N/A	Selected ThinkPad laptops
Warranty	1 year	1 year	1 year
Qualified Systems	2018 and later selected ThinkPad, ThinkBook and Lenovo laptops	2018 and later selected ThinkPad, ThinkBook and Lenovo laptops	2018 and later selected ThinkPad, ThinkBook and Lenovo laptops

[1]   Actual display resolution is subject to your system's video output capability.

[2]   Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: 5 Gbit/s for USB 3.1 Gen 1; 10 Gbit/s for USB 3.1 Gen 2; and 20 Gbit/s for USB 3.2.

[3]   The device requires users to have a fully-functioning USB-C port providing 5V/3A bus power.

[4]   The power adapter is sold separately.

DOCKING
ACCESSORIES

Tailor your docking experience to your needs with Lenovo docking accessories. Enjoy the ultimate in productive and creative efficiency with a range of add-ons and extras. We've got dock-hiding monitor mounts, blazing-fast Thunderbolt™ cables, dual slim-tip adapters, and much more.

LENOVO DOCKING STATION MOUNTING KIT

The Lenovo Docking Station Mounting Kit & the Lenovo Docking Station Mounting Kit Gen 2 are the perfect solution for professionals who need a clutter-free workspace that doesn't cramp their style. Rather than messing up your desk with a tangle of cables, you can now hide your docking station neatly underneath your desk or behind your ThinkVision monitor stand.

LENOVO DOCKING STATION MOUNTING KIT GEN 2
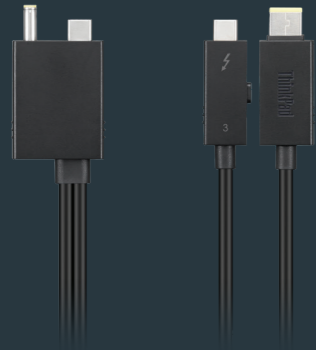
LENOVO DOCKING STATION MOUNTING KIT SPECIFICATIONS

	Lenovo Docking Station Mounting Kit	Lenovo Docking Station Mounting Kit Gen 2
Part Number (PN)	4XF0S99497	24" - 4XF1A14358 27" - 4XF1A29616 32" - 4XF1A29617
Ship Group	1 x Docking Bracket 1 x Monitor - Stand Bracket 1 x Cable Clip 1 x Quick Setup Guide	1 x Docking Bracket 1 x Monitor-stand Bracket 1 x Cable Clip 1 x Quick Setup Guide
Dimensions (W x D x H)	**Packed** (mm)　: 180 x 125 x 103 (inches) : 7.09" x 4.92" x 4.06" **Unpacked** 　Docking Bracket: 　(mm)　: 245 x 87 x 55 　(inches) : 9.65" x 3.43" x 2.17" 　Monitor-Stand Bracket: 　(mm)　: 80 x 90 x 50 　(inches) : 3.15" x 3.54" x 1.97" 　Cable Clip: 　(mm)　: 55 x 40 x 10 　(inches) : 2.17" x 1.57" x 0.39"	**Packed** (mm)　: 180 x 125 x 103 (inches) : 7.09" x 4.92" x 4.06" **Unpacked** 　Docking Bracket: 　(mm)　: 245 x 87 x 55 　(inches) : 9.65" x 3.43" x 2.17" 　Monitor-Stand Bracket: 　(mm)　: 99.95 x 47 x 73.8 　(inches) : 3.93" x 1.85" x 2.90" 　Cable Clip: 　(mm)　: 55 x 40 x 10 　(inches) : 2.17" x 1.57" x 0.39"
Weight	Packed Weight　　: 0.42 kg (0.93 lbs) Unpacked Weight : 0.32 kg (0.71 lbs)	Packed Weight　　: 0.304 kg (0.67 lbs) Unpacked Weight : 0.441 kg (0.97 lbs)
Mounting Scenarios	Back-to-Monitor, Under-the-Desk	Back-to-Monitor, Under-the-Desk
Compatible Dock	ThinkPad USB 3.0 Basic Dock ThinkPad USB 3.0 Pro Dock ThinkPad USB 3.0 Ultra Dock ThinkPad USB-C Dock Gen 2 ThinkPad Universal USB-C Dock ThinkPad Thunderbolt™ 3 Dock ThinkPad Hybrid USB-C with USB-A Dock ThinkPad Thunderbolt™ 3 Workstation Dock Gen 2 ThinkPad Thunderbolt™ 3 Dock Gen 2 ThinkPad Thunderbolt™ 4 Workstation Dock ThinkPad Universal Thunderbolt™ 4 Dock ThinkPad Universal USB-C Smart Dock ThinkPad Universal Thunderbolt™ 4 Smart Dock	ThinkPad USB-C Dock Gen 2 ThinkPad Hybrid USB-C with USB-A Dock ThinkPad Universal USB-C Dock ThinkPad Thunderbolt™ 3 Essential Dock ThinkPad Thunderbolt™ 3 Dock Gen 2 ThinkPad Thunderbolt™ 3 Workstation Dock Gen 2 ThinkPad Thunderbolt™ 4 Workstation Dock ThinkPad Universal Thunderbolt™ 4 Dock ThinkPad Universal USB-C Smart Dock ThinkPad Universal Thunderbolt™ 4 Smart Dock
Compatible Monitor	**ThinkVision Monitors:** P24H-10, P24q-10, P27u-10, P27h-10, P27q-10, T2054p, T2254, T2254p, T23d, T24d, T22i, T23i, T24i, T27i, T22v, T24m, T24v, New LT1913p, T1714p	**ThinkVision Monitors:** 24" - T24-20/P24-20/T24v-20/ 　　　T23-20/T22-20/T22v-20 27" - P27-20/T27-20/TIO4-22/ 　　　TIO4-24 32" - T32-20/T34-20

THINKPAD THUNDERBOLT™ 3 WORKSTATION DOCK SPLIT CABLE 1.5 m

- Thunderbolt™ 3 cable data rate up to 40 Gbps
- Slim-tip support max. 170W @ 20V/8.5A
- Length: 1.5 m (4'9")
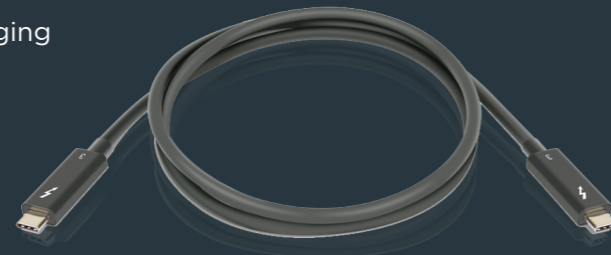- Part Number (PN): 4X90U90621

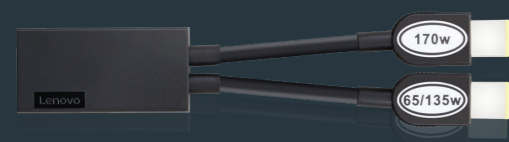## THINKPAD THUNDERBOLT™ 3 WORKSTATION DOCK SPLIT CABLE

- Thunderbolt™ 3 cable data rate up to 40 Gbps
- Slim-tip support max. 170W @ 20V/8.5A
- Length: 70 cm (2'3")
- Part Number (PN): 4X90U90616

LENOVO THUNDERBOLT™ 3 CABLE 0.7 m

- Data rate up to 40 Gbps
- Support max. 100W @ 20V/5A for laptop charging
- Length: 70 cm (2'3")
- Part Number (PN): 4X90U90617

LENOVO THUNDERBOLT™ 3 WORKSTATION DOCK SLIM-TIP Y CABLE

- Input 230W Slim-tip power adapter
- Output is fixed for two scenarios:
  - Output 1: Max. 170W, by-pass to charge MWS
  - Output 2: Max. 135W to power on the dock; and charge laptop when no MWS attached to Output 1
- Part Number (PN): 4X90U90620

LENOVO DUAL SLIM-TIP ADAPTER

- Input: Must be equal or larger than 135W
- Output: For laptop - 65W; For the dock - up to 135W
- Cable length: For laptop - 1.2 m (3.9 ft); For the dock: 50 mm (2")
- Part Number (PN): 4X20W69154

LENOVO HYBRID USB-C WITH USB-A CABLE

- Data rate up to 10 Gbps
- USB-C support max. 100W @ 20V/5A
- USB-A support max. 7.5W @ 5V/1.5A
- Length: 1 m (3'3")
- Part Number (PN): 4X90U90618

LENOVO USB-C CABLE (1 m & 2 m)

- Data rate up to 10 Gbps (1 m); 5 Gbps (2 m)
- USB-C support max. 100W @ 20V/5A (1 m); 60W @ 20V/3A (2 m)
- Length: 1 m (3'3"); 2 m (6'6")
- Part Number (PN): 4X90U90619 (1 m); 4X90Q59480 (2 m)

NANOSAVER TWIN HEAD CABLE LOCK FROM LENOVO

- Tough 10 mm Lock Head with Cleat Locking Technology
- 5 mm keying system
- Carbon steel cable
- Patented Hidden Pin Technology supports anti-pick tubular lock
- Part Number (PN): 4XE1B81916