



# SD5800T Thunderbolt™ 4 and USB4® Quad Video Docking Station

Part Number: K32856NA | UPC Code: 0 85896 32856 8

Unlock the full  
potential of your  
premium laptop.

Ideal for professionals and creatives who want more screens for visual productivity, more speed to work with large files, support for multiple 4K monitors, and more ports so they can connect to accessories without using adapters, the SD5800T Thunderbolt™ 4 and USB4® Quad Video Docking Station is a highspeed dock that provides everything you need to unlock the full potential of your premium laptop.

As one of the first Thunderbolt™ 4 docks capable of supporting Quad 4K displays, the SD5800T Thunderbolt™ 4 and USB4® Quad Video Docking Station provides a powerful plug-and-play connection— including support for four 4K monitors for the latest Windows laptops and two 6K monitors for the latest MacBook models, 40Gbps data transfer speeds, up to 100W charging (98W certified), and a 16-in-1 design.

The SD5800T Thunderbolt™ 4 and USB4® Quad Video Docking Station delivers more screens, more speed, and more power— so you can be more productive and focused.

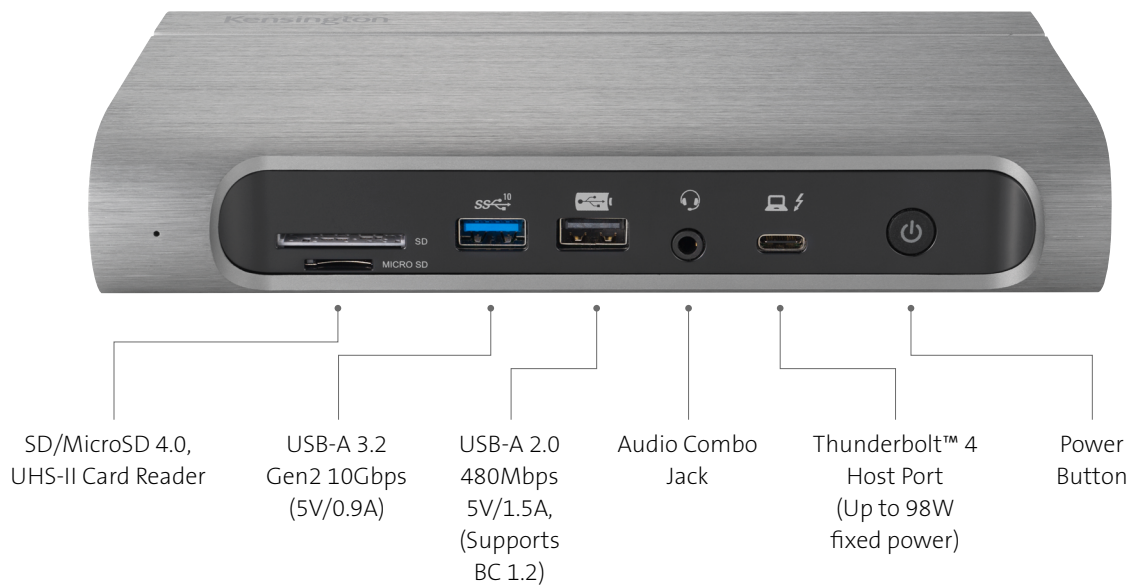
Features include:

- Plug-and-play solution for Thunderbolt™ 4, Thunderbolt™ 3, USB4®, and USB-C®
- Windows (10 or later) or macOS (11 or later)
- 40Gbps of data, video, and audio
- Up to Quad 4K video for Windows and up to Dual 6K for MacBook
- Up to 100W Charging (98W certified)
- 16 Productivity Ports
- Supports Zero-Footprint Mounting
- Kensington Security Cable Lock Slots
- 3-year limited warranty and Kensington DockWorks™ Software

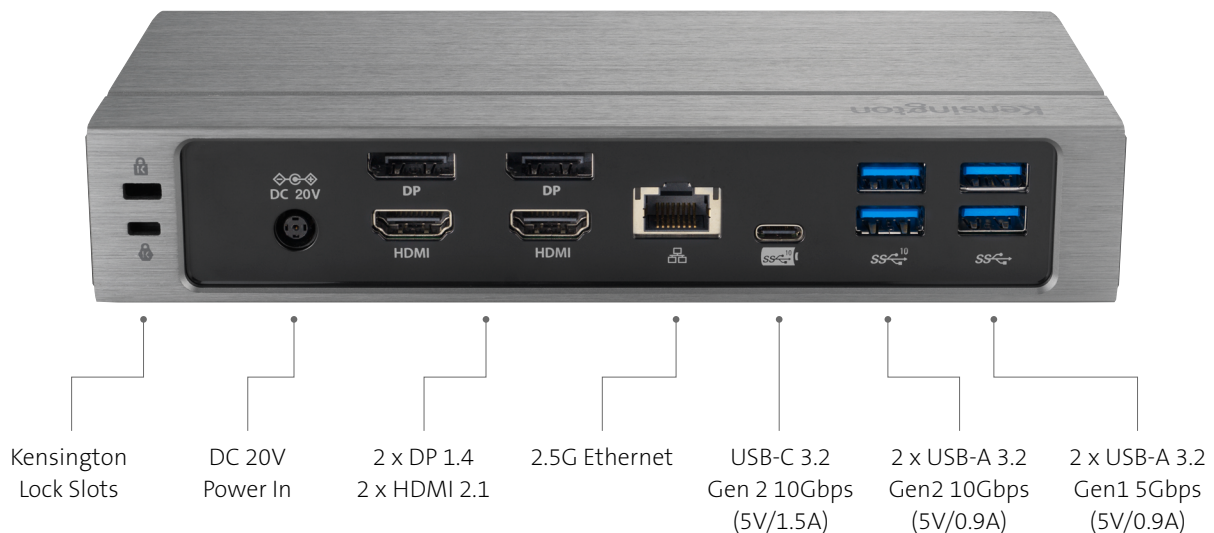
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Front

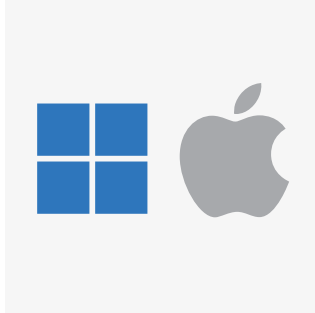


Back



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### Universal Compatibility

Offers a quick and powerful plug-and-play solution for Thunderbolt™ 4, Thunderbolt™ 3, USB4®, and USB-C® devices running Windows (10 or later) or macOS (11 or later).



### Thunderbolt™ 4 Technology

Supports next-level Thunderbolt™ experiences. Transfers 40Gbps of data, video, and audio. Blocks peripheral devices from unauthorized access to your system memory using Intel VT-d DMA protection.



### Quad 4K or Single 8K Support

Supports Quad 4K @ 60Hz or Single 8K @ 60Hz for Windows via an HDMI® port or via two HDMI® ports and two DP ports. Supports Dual 6K @ 60Hz for MacBook models with M1/M2/M3 Pro, M1/M2/M3 Max chipsets, and Single 4K @ 60Hz for MacBook models with M1/M2/M3 base chipset. Additional monitors bypass the dock and are directly connected with MacBook models using M1/M2/M3 Max chipsets.



### Up to 100W Charging (98W certified)

Ideal for devices that require higher power, the SD5800T delivers up to 100W charging (98W certified) to the host and connected accessories.



### Productive 16-in-1 Design

Ports include 2 x HDMI®, 2 x DP, 1 x Thunderbolt™ host, 1 x USB-C® 3.2 Gen2 10Gbps, 3 x USB-A 3.2 Gen2 10Gbps, 2 x USB-A 3.2 Gen1 5Gbps, 1 x USB-A 2.0 480Mbps, 1 x combo audio jack, 2 x SD or Micro Card readers, and 1 x 2.5Gbps Ethernet.



### Built-in SD and Micro SD Card Readers

Perfect for graphic designers, video editors, and animators requiring fast and efficient data transfer speeds, the SD5800T transfers files at ultra-fast speeds via built in UHS-II SD and Micro SD card readers.



### Zero-Footprint Mounting Option and Security Cable Lock Slots

Maximize desktop space by mounting your docking station out of the way. Mounting bracket sold separately (K34050WW). Protect your investment with a Kensington cable lock (K65020WW or K60603WW), sold separately.

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### System Requirements

|                                 |  |
|---------------------------------|--|
| Systems Supported               | Supports Thunderbolt™ 4 / Thunderbolt™ 3 / USB4 / USB-C® 3.2 devices   |
| Operating Systems Supported     | Windows® 10 or above<br>macOS 11 or above  |
| Plug & Play                     | Yes  |
| Software                        | For Windows, need to enable Intel Thunderbolt™ software  |
| System Resource Requirement     | CPU: Intel® Core™ i5 6th generation or above<br>Memory: 8Gb or above<br>GPU: Intel® HD Graphics 620 or above |
| Additional Software Information | DockWorks compatible   |
| USB-C Power Delivery            | PD3.0: 5V, 9V, 15V/3A & 20V/4.9A<br>(up to 98W fixed power)  |

### Docking Station

|            |  |
|------------|--|
| Technology | Intel® JHL8440 Thunderbolt™ 4 controller |
|------------|--|

### USB Interface

|                       |   |
|-----------------------|---|
| Type of USB Connector | Thunderbolt™ 4 / USB-C® Connector   |
| Host Connector        | Supports Thunderbolt™ 4 / Thunderbolt™ 3 / USB4 / USB-C® with full function |

### USB Connections

|       |  |
|-------|--|
| Ports | <p>Front Panel :</p> <ul style="list-style-type: none"> <li>- 1 x Power button</li> <li>- 1 x Thunderbolt™ 4 Host Port<br/>(up to 98W fixed power)</li> <li>- 1 x USB-A 2.0 (5V/1.5A, support BC1.2)</li> <li>- 1 x USB-A 3.2 Gen2 10Gbps</li> <li>- 1 x Audio Combo Jack</li> <li>- 1 x SD/Micro SD 4.0 card reader (UHS-II)</li> </ul> <p>Back Panel :</p> <ul style="list-style-type: none"> <li>- 2 x USB-A 3.2 Gen1 5Gbps</li> <li>- 2 x USB-A 3.2 Gen2 10Gbps</li> <li>- 1 x USB-C 3.2 Gen2 10Gbps</li> <li>- 1 x 2.5G Ethernet</li> <li>- 2 x HDMI 2.1</li> <li>- 2 x DP 1.4</li> </ul> |
|-------|--|

### Network Connections

|                            |                       |
|----------------------------|-----------------------|
| Ethernet Port              | RJ45                  |
| Compatible Ethernet Speeds | 10/100/1000/2500 Mbps |






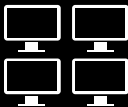
### Host Connectivity

|                        |   |
|------------------------|---|
| Host Docking Connector | Thunderbolt™ 4 upstream port PD<br>up to 98W, fixed power |
|------------------------|---|






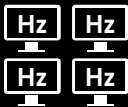
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### Video Connections

|   |   <b>High Resolution</b> |  |  |  |  |
|---|--|---|---|--|---|
| <b>Thunderbolt™ 3**/ Thunderbolt™ 4/ USB4 (Windows)</b> | Up to 8K@60Hz* (HDMI)<br>Up to 8K@30Hz* (DP)   | Up to 4K@60Hz   | Up to 4K@60Hz*  | Up to 4K@60Hz*   | Up to 4K@60Hz*  |
| <b>USB-C Alt Mode*** (Windows)</b>                      | Up to 4K@60Hz  | Up to 4K@60Hz*  | Up to 4K@30Hz*  | Up to 2K@60Hz*   |   |
| <b>MacBook M1/M2/M3 Pro and Max Chipsets</b>            | Up to 6K@60Hz  | Up to 6K@60Hz*  | –   | –  |   |
| <b>iPad &amp; MacBook M1/M2/M3 Base Chipsets</b>        | Up to 4K@60Hz  | –   | –   | –  |   |

|   |   <b>High Refresh Rate</b> |  |  |  |  |
|---|--|---|---|--|--|
| <b>Thunderbolt™ 3**/ Thunderbolt™ 4/ USB4 (Windows)</b> | Up to 4K@120Hz* or 1440p@240Hz*  | Up to 1080p@120Hz   | Up to 1080p@120Hz   | Up to 1080p@120Hz  | Up to 1080p@120Hz*   |

#### Maximum Resolution Supported

Single: Up to 1 x 8K (7680 x 4320) @ 60Hz,  
Up to 1 x 4K (3840 x 2160) @ 120Hz,  
Up to 1 x 1440p (2560 x 1440) @ 240Hz

Dual: Up to 2 x 4K (3840 x 2160) @ 60Hz,  
Up to 2 x 1080p (1920 x 1080) @ 120Hz

Triple: Up to 3 x 4K (3840 x 2160) @ 60Hz,

Quadruple: Up to 4 x 1080p (1920 x 1080) @ 120Hz

### Audio Connections

Audio Connectors 3.5mm combo jack

### LED Indicator

Green LED Link indicator  
White LED Power indicator

### Material Specifications

Exterior Aluminum / PC+ABS. The plastic material utilized in this docking station is composed of 65% post-consumer recycled content (PCR)

Bottom Aluminum

Product Color Cool Gray 8c

\* Support for Display Stream Compression (DSC) is based on the capabilities of the host device and monitor.

\*\* Some Thunderbolt™ 3 laptops may only support up to dual display 4K@60Hz.

\*\*\* The dock capabilities are reduced when connected to a USB-C Alt Mode laptop with up to a 10Gbps bandwidth. Additionally, display support may depend on the laptop device and be limited to a maximum of dual displays.



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### Other Features

|                          |   |
|--------------------------|---|
| Kensington Security Slot | Kensington Security Slot<br>Kensington Nano Security Slot |
| Mounting Option          | Yes, with K34050  |

### Product Dimensions

|                                     |  |
|-------------------------------------|--|
| Cable Dimensions                    | 31.5in (0.8m)                                |
| Unit Weight                         | 1.34lbs (0.61kg)                             |
| Unit Dimensions without Peripherals | 7.68 x 4.09 x 1.42 in (195 x 104 x 36mm)     |
| Enclosure Color & Material          | Black, PC+ABS<br>Cool gray 8C, Aluminum      |
| Desktop Footprint                   | 31.43in <sup>2</sup> (202.8cm <sup>2</sup> ) |

### Packaging Dimensions

|                      |   |
|----------------------|---|
| Packaging Style      | Retail Package (K32856NA)   |
| Packaging Dimensions | 10 x 6.14 x 3.66in (254 x 156 x 93mm)   |
| Packaging Weight     | 3.79lbs (1.72kg)  |
| Packaging Content    | 1 x SD5800T Dock<br>1 x Thunderbolt™ 4 Passive Cable (0.8m)<br>1 x Power Supply Unit (170W)<br>1 x NA Power Cord<br>1 x Vertical Stand<br>1 x Quick Installation Guide<br>1 x Warranty Card<br>1 x Compliance Sheet<br>1 x Welcome Card |
| Master Carton        | 6   |

### Power & Environmental

|                       |   |
|-----------------------|---|
| Power Adapter Rating  | Input: 100-240V; AC 50/60Hz; 2A<br>Output: 20V DC 8.5A (170W) |
| Relative Humidity     | 55% operating temperature @ 77°F (25°C)                       |
| Operating Temperature | 32 to 95°F (0 to 35°C)  |
| Storage Temperature   | 32 to 140°F (0 to 60°C)                                       |

### Country Of Origin, Regulatory, and Warranty

|                             |  |
|-----------------------------|--|
| Country of Origin           | Thailand                                   |
| Certifications & Compliance | FCC, CE, RCM, VCCI, IC, CB, RoHS, ACCO RSL |
| Warranty                    | 3-Year Limited - Worldwide                 |



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