Kensington®

Product Sheet



SD5010T5 EQ Thunderbolt™ 5 Triple 4K Docking Station

Part Number: K35231NA | UPC: 0 85896 01351 8

More productivity with Thunderbolt™ 5 and HDMI®.

Professionals often struggle to unlock the full potential of their high performance Thunderbolt™ 5 laptops.

For those wanting to connect multiple high-resolution HDMI® displays, transfer data at high speeds, and expand connectivity without relying on adapters, the SD5010T5 Thunderbolt™ 5 Triple 4K Docking Station is the ultimate powerhouse.

Providing a powerful solution that helps you be more productive, it supports multiple 4K monitors for expanded visual productivity, turbocharged speeds for working with large files, more ports for connecting accessories without using adapters, and amplified charging for meeting the demands of high-power workstations.

- Data transfer speeds up to 80Gbps
- Bandwidth Boost offers up to 120Gbps for video-intensive usage
- Up to Triple 4K or Dual 8K for Windows or Dual 6K+4K for macOS*
- Up to 140W dynamic Power Delivery
- 13-in-1 design
- Bulit-in SD and Micro SD card readers
- Thunderbolt™ 5, Thunderbolt™ 4, USB4®, and USB-C® devices
- Compatible with Windows 11 (23H2 or later) and macOS (14.5 or later)
- Zero-footprint mounting option
- Security cable lock slots
- Free Kensington DockWorks™ software
- 3-year limited warranty
- Outer case contains 100% post-consumer recycled (PCR) aluminum

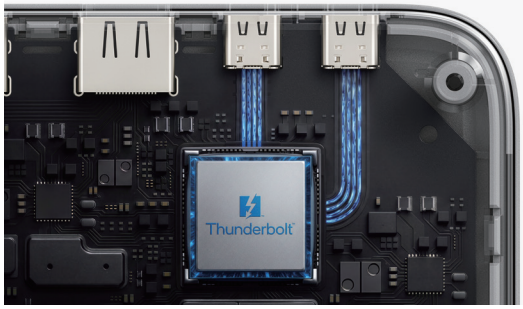
*A Thunderbolt 5 dock can support three external displays with M5 Pro and M5 Max chips.

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Product Sheet

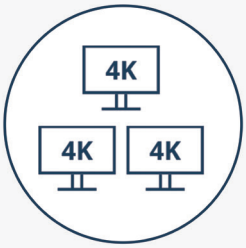
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Boost Your Productivity with Thunderbolt™ 5

SD5010T5 offers lightning-fast data transfers, achieving speeds up to 80Gbps and Bandwidth Boost providing up to 120Gbps for video-intensive usage.



Triple 4K or Dual 8K for Windows and Dual 6K+4K for macOS**

Supports up to 3 x 4K monitors @ 144Hz or 2 x 8K @ 60Hz/30Hz monitors for Windows laptops via 2 x HDMI® ports and 1 x Thunderbolt™ 5 port. For MacBook models with M4/M5 base chips* and M-Series Pro and Max chipsets, SD5010T5 it supports 2 x 4K @ 60Hz via two HDMI® ports, or you can switch one of the displays to up to 6K through the Thunderbolt™ 5 port.



Up to 140W Dynamic Power Delivery + KonstantCharge™

Perfect for demanding workstations, this single-cable Thunderbolt™ 5 dock supports USB-C® PD 3.1, ensuring seamless power and connectivity with up to 140W dynamic power delivery. Includes KonstantCharge™, enabling connected devices to charge even when your laptop is undocked.



13-in-1 Design

A single Thunderbolt™ 5 cable expands your connectivity: 2 x Thunderbolt™ 5 (host + 15W downstream), 2 x HDMI®, 1 x USB-A 3.2 Gen2 10Gbps, 2 x USB-A 3.2 Gen1 5Gbps, 2 x USB-C® Gen2 10Gbps (1 x 30W), an audio combo jack, 2 x SD/Micro SD 4.0 slots, and a 2.5Gbps Ethernet port.

*M1/M2 base chips support a single external display only. M3 base supports two external displays with the lid closed.
**A Thunderbolt 5 dock can support three external displays with only M5 Pro and M5 Max chips.

Kensington®

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Built-in SD and Micro SD Card Readers

Perfect for graphic designers, video editors, and animators requiring fast and efficient data transfer speeds, SD5010T5 transfers files at ultra-fast speeds via built-in SD and Micro SD 4.0 card readers.

Universal Compatibility

Offers a quick and powerful plug-and-play solution for Thunderbolt™ 5, Thunderbolt™ 4, USB4®, and USB-C® devices running Windows 11 (23H2 or later) or macOS (14.5 or later).



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 K65021WW), sold separately.

DockWorks™

3-Year Limited Warranty

Free Kensington DockWorks™ Software and 3-Year Limited Warranty

Free DockWorks™ software for Windows users delivers the best connection, performance, and security from your Kensington dock. Backed by Kensington with a 3-year limited warranty.

FSC®

Sustainability Attributes

The outer case of this docking station contains 100% post-consumer recycled (PCR) aluminum – and it is delivered in Forest Stewardship Council (FSC®) certified packaging.

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Technical Specifications

SD5010T5 EQ Thunderbolt™ 5 Triple 4K Docking Station

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System Requirements

Systems Supported	Supports Thunderbolt™ 5 / Thunderbolt™ 4 / USB4® / USB-C® 3.2 devices
Operating Systems Supported	Windows 11 (23H2 or above) macOS 14.5 or above
Plug & Play	Yes
System Resource Requirement	CPU: Intel® Core™ i5 6th generation or above Memory: 8Gb or above GPU: Intel® HD Graphics 620 or above
USB-C® Power Delivery	PD3.1: 5V, 9V, 15V, 20V, 28V/5A (up to 140W): Laptop must support USB-C® PD 3.1 EPR (Extended Power Range) standard for 140W charging
Additional Software	DockWorks 1.4 (Windows only)

USB Interface

Type of USB Connector	USB-C®
Host Connector	Thunderbolt™ 5 Thunderbolt™ 4 / USB4® / USB-C® (scaling to host device's Thunderbolt™ 5 capabilities)

USB, Video, and Ethernet Connections

Ports - Front	1 x USB-C® 3.2 Gen2 10Gbps (up to 15V/2A) 1 x USB-C® 3.2 Gen2 10Gbps (up to 5V/1.5A) 1 x USB-A 3.2 Gen2 10Gbps (5V/0.9A) 1 x SD/MicroSD (UHS-II, SD4.0) 1 x 3.5mm audio combo jack
Ports – Back	1 x Thunderbolt™ 5 UFP (140W 28V/5A; PD3.1) 1 x Thunderbolt™ 5 DFP (5V/3A) 2 x USB-A 3.2 Gen1 5Gbps (5V/0.9A) 2 x HDMI® ports 1 x Ethernet 10/100/1000/2500Mbps

Network Connections

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

Host Connectivity

Host Docking Connector	Thunderbolt™ 5 UFP up to 140W (PD3.1)

Kensington®

Technical Specifications

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Video Connections

Video Connectors	2 x HDMI® 2.1
Maximum Resolution Supported	Thunderbolt™ 5 with Bandwidth Boost and DSC enabled: Single: 8K @ 60Hz Dual: 8K @ 60Hz Triple: 4K @ 144Hz

Resolution Table

Windows Display Support	SINGLE DISPLAY	
	High Resolution	High Refresh Rate
	TBT or HDMI	
Thunderbolt 5	8K @ 60Hz	4K @ 240Hz
Thunderbolt 4	8K @ 60Hz	4K @ 144Hz
USB-C Alt Mode	4K @ 60Hz	4K @ 60Hz

DUAL DISPLAY		TRIPLE DISPLAY	
High Resolution	High Refresh Rate	High Resolution	High Refresh Rate
2x HDMI OR TBT+HDMI		TBT + 2x HDMI	
8K @ 60Hz with DSC enabled	4K @ 240Hz	4K @ 144Hz	4K @ 144Hz
4K @ 60Hz	1080p @ 120Hz	Not Supported	
Not Supported			

Thunderbolt™ 5 technology with bandwidth boost can support up to 120Gbps for video intensive usage. Achieving the maximum resolution depends on the capabilities of both the host device and the monitors.

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Technical Specifications

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Part Number: K35231NA | UPC: 0 85896 01351 8

Apple Display Support	SINGLE DISPLAY			
	High Resolution		High Refresh Rate	
	TBT Port	HDMI Port	TBT Port	HDMI Port
M5 Max/Pro	6K @ 60Hz*	4K @ 60Hz	4K @ 240Hz*	4K @ 60Hz
M4 Max/Pro M4/M5 Base M2/M3 Max/Pro M3 Base (Lid closed) M1 Max/Pro	6K @ 60Hz*	4K @ 60Hz	4K @ 144Hz*	4K @ 60Hz
M1/M2 Base	6K @ 60Hz*	4K @ 60Hz	4K @ 144Hz*	4K @ 60Hz
MacBook Neo	4K @ 60Hz	4K @ 30Hz	4K @ 60Hz	4K @ 30Hz

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Technical Specifications

SD5010T5 EQ Thunderbolt™ 5 Triple 4K Docking Station

Part Number: K35231NA | UPC: 0 85896 01351 8

Apple Display Support	DUAL DISPLAY			
	High Resolution		High Refresh Rate	
	TBT+HDMI Ports	2x HDMI Ports	TBT+HDMI Ports	2x HDMI Ports
M5 Max/Pro	6K @ 60Hz* + 4K @ 60Hz	Dual 4K @ 60Hz	4K @ 240Hz* + 4K @ 60Hz	Dual 4K @ 60Hz
M4 Max/Pro M4/M5 Base M2/M3 Max/Pro M3 Base (Lid closed) M1 Max/Pro	6K @ 60Hz* + 4K @ 60Hz	Dual 4K @ 60Hz	4K @ 144Hz* + 4K @ 60Hz	Dual 4K @ 60Hz
M1/M2 Base	Does not support multiple displays natively.			
MacBook Neo				

Apple Display Support	TRIPLE DISPLAY	
	High Resolution	High Refresh Rate
	TBT+ 2 x HDMI Ports	TBT+ 2 x HDMI Ports
M5 Max	6K @ 60Hz* + 4K @ 60Hz + 4K @ 60Hz	4K @ 240Hz* + 4K @ 60Hz + 4K @ 60Hz
M5 Pro		4K @ 144Hz* + 4K @ 60Hz + 4K @ 60Hz

*When connecting a monitor via the Thunderbolt video port, HDMI adapters or USB-C to HDMI cables support up to 4K @ 60Hz only on MacBook (due to HDMI 2.0 limitations over Thunderbolt). For higher refresh rates, use a USB-C to USB-C or USB-C to DisplayPort cable, such as the Kensington 8K adapter (K34680WW).

Kensington®

Technical Specifications

SD5010T5 EQ Thunderbolt™ 5 Triple 4K Docking Station

Part Number: K35231NA | UPC: 0 85896 01351 8

	HDCP Support	HDCP 1.4 & 2.3
Audio Connections		
	Video Connectors	1 x 3.5mm audio combo jack
	Audio Channels Supported	Stereo L/R
LED Indicators		
	Dock-to-Host connection	Amber: power on without Host Blue: power on with Host
Material Specifications		
	Exterior	Stamped PCR Anodized Aluminum
	Interior	PCR PC + ABS
	Enclosure Color & Material	PMS Space Gray
	Bottom	Painted PCR PC + ABS
	Post-Consumer Recycled Content	Outer case is composed of 100% post-consumer recycled (PCR) aluminum
Other Features		
	Security Slot	Kensington Security Slot Kensington Nano Security Slot
	Mounting Option	Mounting bracket (K34050WW) sold separately
Product Dimensions		
	Unit Weight	1.95lbs (0.89kg)
	Unit without Peripherals	5.51 x 5.51 x 1.57in (140 x 140 x 40mm)
	Cable	Diameter: 0.20in (5mm) Length: 3.3ft (1m)
	Desktop Footprint	30.38in^2 (196cm^2)
Packaging Dimensions		
	Packaging Style	FSC® certified retail box
	Packaging Dimensions	6.89 x 6.42 x 4.45in (175 x 163 x 113mm)
	Packaging Weight	4.08lb (1.85kg)
	Operating Systems Supported	1 x SD5010T5 EQ Thunderbolt™ 5 Dock 1 x Thunderbolt™ 5 Cable 1 x 180W Power Supply Unit 1 x NA Power Cord 1 x Quick Installation Guide 1 x Compliance Sheet 1 x Warranty Card 1 x Welcome Card
	Master Carton	6pcs

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Power & Environmental

Power Adapter Rating	Input: 100-240V; 2.5A Output: 22V DC 8.2A (180W)
Relative Humidity	10 to 90% operating temperature @ 77°F (25°C)
Operating Temperature	32 to 95°F (0 to 35°C)
Storage Temperature	-13 to 158°F (0 to 70°C)

Country of Origin, Regulatory, and Warranty

Country of Origin	Vietnam
Certifications & Compliance	CE, FCC, ICES, RCM, UKCA, CB, UK PSTI, RoHS, REACH, ACCO RSL
Warranty	3-Year Limited

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