

# ThunderSync3-16 Overview



## Key Features

- Host connection capable of 40 Gbps
- Data speeds up to 5 Gbps
- Charging up to 2.4A
- Fits 19" rack systems
- Use the Thunderbolt™ 3 to daisy chain multiple hubs
- Upstream Thunderbolt connection

When you have thousands of devices that need to be provisioned, but you simply do not have the time within your IT department, this is where the ThunderSync3-16 comes into its own. Whether you work in a school, data center, retail, hospitality, healthcare, and more. This rackmount hub will do the heavy lifting when it comes to crunching through the data at super high speed. With 16 ports per hub, this enables companies to save not only time but money and resources.

The ThunderSync3-16 is a smart USB hub which is used to connect and charge multiple USB devices such as Mobile phones, Tablets and any other device with a USB connection. There are 16 downstream ports on the ThunderSync3-16 which will allow you to charge and connect to multiple devices at the same time.

Cambrionix software is designed to work with different types of operating systems such as Mac, Windows and Linux to enable the hub to be integrated into any system architecture. By using a Thunderbolt™ 3 connection the ThunderSync3-16 can then be connected into your architecture and managed using Cambrionix software.

The ThunderSync3-16 provides 12W of charging power to each of its 16 Type-A ports, allowing mobile devices to be charged quickly, safely and reliably.

When a local (host) computer is connected, the host can connect to any USB device and control the operation of the ports using Cambrionix Software or your own application. Device charging can be monitored through Cambrionix Connect, the Application Programming Interface (API) or Command Line Interface (CLI). Cambrionix's monitoring and control software can be downloaded from [www.cambrionix.com/software](http://www.cambrionix.com/software)

The ThunderSync3-16 works with a variety of software such as Apple Configurator, Apple Provisioning Utility, GroundControl, JAMF and many more.

More information can be found by visiting our website and downloading the product user manual.  
[www.cambrionix.com/product-user-manuals](http://www.cambrionix.com/product-user-manuals)

Physical Specifications		Power Specifications	
Upstream connector type	Thunderbolt™ 3	Input Voltage Range (VAC)	100-250
Downstream connector type	Type-A	Input Current, @ 115 VAC (A)	3.5
Maximum Downstream Data Speed per Port	5 Gbps	Input Connector	C14
Dimensions WxDxH (mm)	431x262x44	Output Voltage (V)	5
Mass (kg)	3.7	Output Current, Max per Port (A)	2.4
Expansion Port	1	Output Power, Max per Port (W)	12
Number of upstream (host) ports	1	Output Power, Total (W)	230
Number of downstream ports	16		

What's Included	Part Number	Description
ThunderSync3-16 Thunderbolt™ 3 Cable 2m Mains power cable	TS3-16-UK-G	ThunderSync3-16 with UK type-G Power cable
	TS3-16-US-B	ThunderSync3-16 with US type-B Power cable
	TS3-16-EU-F	ThunderSync3-16 with EU type-F Power cable
	TS3-16-IND-D	ThunderSync3-16 with Indian type -D Power cable
	TS3-16-JP-B	ThunderSync3-16 with Japanese type-B Power cable
	TS3-16-AU-I	ThunderSync3-16 with Australian type-I Power cable

