

# Sync PE

## SYNC™ PoE / ETHERNET ADAPTER WITH DOCKING DETECT FOR USB-C MOBILE PHONES AND TABLETS

### PRODUCT DETAILS

The LAVASync PE is the second generation of our SimulCharge adapters and is designed specifically for USB-C type mobile phones and tablets.

This adapter provides a complete connectivity solution by using our custom Sync™ technology to simultaneously charge and data while connected to a mobile phone or a tablet. Features Ethernet connectivity, Power over Ethernet (PoE) and Docking Detect add-on that enables automatic connection between the LAVA board and the device.

For the most up-to-date list of tested mobile phones and tablets, please visit our website at [www.lavalink.com](http://www.lavalink.com).



#### SYNC TECHNOLOGY

The LAVASync PE operates a mobile device in a Sync mode. This technology allows the charging of the select USB-C type mobile phones and tablets while being used with Ethernet data.



#### WIRED NETWORK

10/100 Fast Ethernet interface enhances the reliability and the security of the internet connection.



#### POWER OVER ETHERNET (POE)

Power over Ethernet (PoE) allows network data and electrical power to be carried over an Ethernet cable, eliminating the need for an electrician to install a dedicated power drop.



#### DOCKING DETECT

The Docking Detect feature ensures that when the adapter is plugged into the mobile phone or tablet, the mobile device recognizes that the adapter is present. This feature is a re-imagined form of Plug-n-Play; when the mobile solution, the mobile phone and tablet along with the adapter, is plugged into or out of power, the mobile device will know.

### PRODUCT FEATURES

- › Simultaneous USB host and charging for select mobile devices
- › Docking detect for a mobile phone or a tablet connection
- › Wired Networking (10/100 Ethernet) support
- › Power over Ethernet (Class 0)
- › Option to use original power brick
- › No tablet rooting required
- › LAVA Limited Warranty

### SYSTEM REQUIREMENTS

Mobile Device:	Please refer to the tested mobile devices list that can be found at <a href="http://www.lavalink.com">www.lavalink.com</a>	
Power Supply:	RJ-45 PoE connector (Ethernet LAN and power). The Aux. 5V Input optional for a testing purpose (no PoE is applied)	
Ports/Connectors:	1 x RJ45 10/100 Ethernet port (for PoE & LAN) 1 x USB C port (for mobile device connection) 1 x Micro USB B port (the Aux. 5V input) 1 x Charge Status LED	1 x Device Link LED 1 x Ethernet Link/Activity LED 1 x USB Activity LED
Cables:	1 x USB-C to USB-C cable (up to 6.6 ft / 2m) to the mobile phone or tablet Note: The cable is not included.	
Measurements:	Height: 1.7 inches (44 mm) - with standoffs Width: 3.8 inches (97 mm)	Depth: 3.3 inches (83 mm) Weight: 4.2 oz

LAVA Computers MFG. Inc. designs and manufactures computing interfaces and devices for the Point of Sale, Kiosk, Gaming, Industrial Automation, Security and Access Control industries, and has been doing so since 1984. As experts in serial interfaces for PCI, PCIe, ISA, USB, and Ethernet buses, LAVA builds tablet PoE/USB/LAN devices, Ethernet-to-serial device servers, serial/parallel I/O boards, and embedded IoT/M2M connectivity devices.

With over a million LAVA products built into workstations, servers, retail POS systems, and industrial computers, LAVA products are trusted by resellers, distributors, OEMs and system builders in over 47 countries worldwide.

