

nSynC-PE *Feature Sheet*

SimulCharge™, PoE, Ethernet Adapter for USB-C Mobile Devices

The nSynC-PE is a SimulCharge™ adapter designed for use with select USB-C mobile devices. It features simultaneous charging and access to data, Power over Ethernet (PoE), wired Ethernet connectivity and Docking Detect.

Leveraging PoE technology, the adapter does not require a dedicated AC source, as it can be fully powered through its built-in Ethernet port. Simultaneously, this port can provide 10/100 Ethernet connectivity between the mobile device and network, providing a single cable solution for mobile device power and data. PoE allows greater options for mobile device placement as it can be used in areas with limited electrical outlets. It can be placed up to 328 ft (100 m) from the power source.



Docking Detect ensures the “greeting” protocols between the SimulCharge™ adapter and mobile device are executed correctly and consistently every time they are connected. This allows the adapter to be a plug-and-play technology that ensures the mobile device always operates in USB Host mode (SimulCharge™).

Note: For system requirements and other technical information regarding this adapter, please see the specification sheet.

Features

- USB Host operation while charging (SimulCharge™)
- Power over Ethernet (Class 0)
- Wired networking (10/100 Ethernet) support
- Docking Detect
- No mobile device rooting required
- LAVA Limited Warranty

Use Cases

- Patient Door Signage
- Smart Hotel Room Controller
- Boardroom Scheduling
- Digital Signage
- Self-Service Kiosk

