nSTS-E

SIMULCHARGE™ ETHERNET ADAPTER
WITH DOCKING DETECT FOR SAMSUNG TABLETS

PRODUCT DETAILS

The nSTS-E is an adapter for Samsung tablets* that features wired Ethernet connectivity, Simulcharge technology that lets tablets to operate as a USB Host controller while simultaneously being charged, and the newest LAVA development adds Docking Detect for automatic tablet and LAVA board connection.
The adapter uses a USB power supply provided with the tablet.

AVAILABLE WITH AN OPTIONAL BUILT-IN VOLTAGE CONVERTER
Allows an external 9 V up to 36 V DC power supply to be placed up to 50 feet away from the tablet.

APPLICATION

The nSTS board is ideal for situations where tablets need power and the ability to support USB accessories in a situation when power sequences cannot always be followed. If you intend to plug your tablet solution in and out of power often, this board will meet your installation requirements.

SimulCharge™

The nSTS-E operates a tablet in SimulCharge mode. This technology allows the charging of the selected Samsung tablets while interacting with USB accessories.

Docking Detect

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

Wired Ethernet Network

The nSTS-E features a 10/100 Fast Ethernet interface that enhances the reliability and security of the internet connection. The Samsung tablet can use the dynamic address (DHCP) or static address for the network communication.

PRODUCT FEATURES

❯ Simultaneous USB host and charging for selected Samsung tablets
❯ Docking detect for a tablet connection
❯ Designed for commercial use with Samsung tablets (see compatibility list of supported devices)
❯ Works with out-of-the-box (unrooted) tablets
❯ Powered by a standard USB Charger/Power Supply through a Micro USB-B receptacle

❯ Available with an optional built-in voltage converter.
❯ Wired networking (10/100 Ethernet) support
❯ Adapter enclosure included
❯ LAVA Limited Warranty

SYSTEM REQUIREMENTS

Tablet:	Please refer to the tested tablet list that can be found at www.lavalink.com	
Power Supply:	USB Charger/Power Supply with a Micro USB-B connector, such as the power supply provided with the Galaxy tablet. Any regulated 5 volt power supply capable of at least 2 amperes can be used. When using the optional Barrel Jack, an unregulated 12V up to 24V DC power supply is recommended.	
Ports/Connectors:	1 x RJ45 10/100 Ethernet port (LAN) 1 x Micro USB B port (for Tablet connection) 1 x Micro USB B port (the 5V power input) **OPTIONAL:** 1 X Barrel (2 mm) DC Output Connector (Centre Pin Positive)	1 x Charge State LED 1 x Ethernet Link indicator LED 1 x Tablet USB indicator LED
Cables:	1 x Micro USB B to Micro USB B cable (3.3ft / 1m)	
Measurements:	Depth: 3.3 inches (83 mm) Width: 3.8 inches (97 mm)	Height: 1.7 inches (44 mm) – with standoffs Weight: 4.1 oz

SAMSUNG ENTERPRISE ALLIANCE PROGRAM
Samsung Knox