

Unlock a World of Possibilities with LAVA nSTS Adapters



nSTS ADAPTERS FEATURE



SimulCharge™

SimulCharge™ technology allows a tablet to operate as a USB Host controller while simultaneously being charged.



Docking Detect

Automatically connect your tablet to a data and power provided by a LAVA adapter as a plug-n-play solution.



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.



Wired Network

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








Up to 3 x USB ports




Extends your tablet kiosk functionality with up to 3 USB peripherals.







nSTS PRODUCT LINE SPECIFICATION

- 








nSTS-P2UE

2-PORT USB HUB ETHERNET ADAPTER WITH PoE
- 







nSTS-PE

ETHERNET ADAPTER WITH PoE
- 






nSTS-2UE

2-PORT USB HUB & ETHERNET ADAPTER
- 



nSTS-E

ETHERNET ADAPTER
- 



nSTS-3U

3-PORT USB HUB ADAPTER
- 



nSTS-1U-OEM

1-PORT USB ADAPTER

VOLTAGE CONVERTER ADD-ON:

A built-in Voltage Converter (vc) is available with the following adapters:

> **nSTS-vc2UE** > **nSTS-vcE** > **nSTS-vc3U** > **nSTS-vc1U-OEM**

i Allows an external 9 V up to 36 V DC power supply to be placed up to 50 feet away from the tablet.

MULTIPLE CONFIGURATION OPTIONS

All nSTS adapters come with SimulCharge™ and Docking Detect for Samsung tablets:

MODEL	1 x USB	2 x USB	3 x USB	LAN	PoE	VC
nSTS-P2UE		+		+	+	
nSTS-PE				+	+	
nSTS-2UE		+		+		OPTIONAL
nSTS-E				+		OPTIONAL
nSTS-3U			+			OPTIONAL
nSTS-1U-OEM	+					OPTIONAL

WHY SIMULCHARGE™ TECHNOLOGY

SIMULCHARGE™

ACCESS USB PERIPHERALS WHILE CHARGING

SimulCharge™ is a mode that allows portable devices such as tablets to operate as a USB Host controller while simultaneously being charged.

This technology is only available for Samsung Tablets.



SimulCharge™
Where Technology Uncovers Possibilities

FLEXIBLE TABLET POWER OPTIONS:



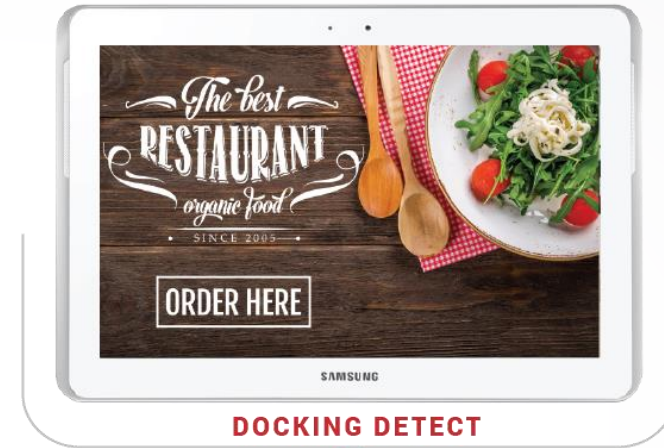
USB Power Brick



Power over Ethernet (PoE)



AC Power Brick



DOCKING DETECT



 SIMULCHARGE™

USB or AC POWER BRICK, PoE



ETHERNET



USB PERIPHERALS



WHY DOCKING DETECT

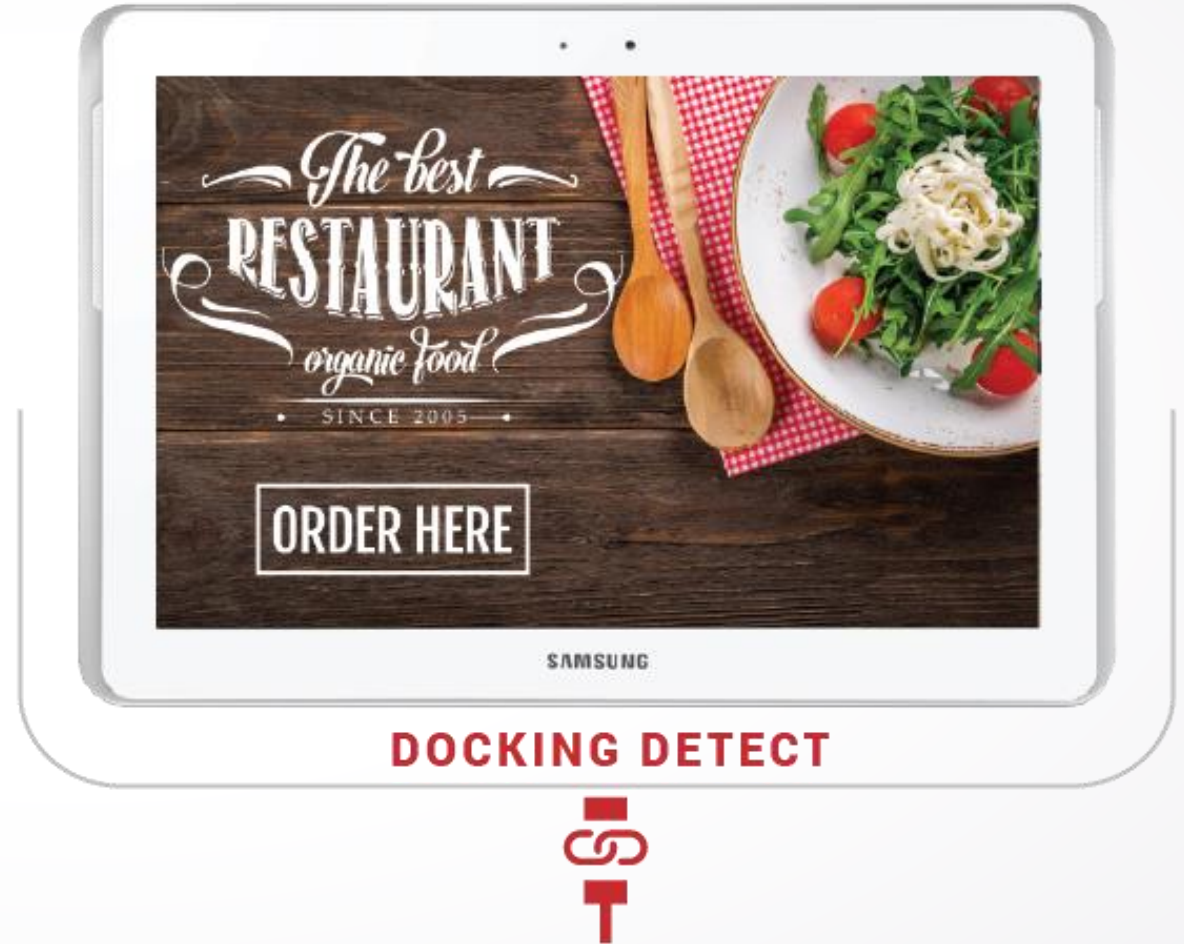
APPLICATION

With Docking Detect you can plug and unplug your tablet from its enclosure and it will reliably connect power and USB peripherals every time!

Gain plug-n-play flexibility using nSTS in your point of sales, quality control or transportation applications.

FEATURES

- › Supplies power and connectivity to USB peripherals while the tablet is docked to the cradle
- › Enables a standby mode and searching to detect the tablet presence while docked
- › Operates as a plug-n-play tablet solution when power sequence between power, adapter, and the tablet cannot be followed

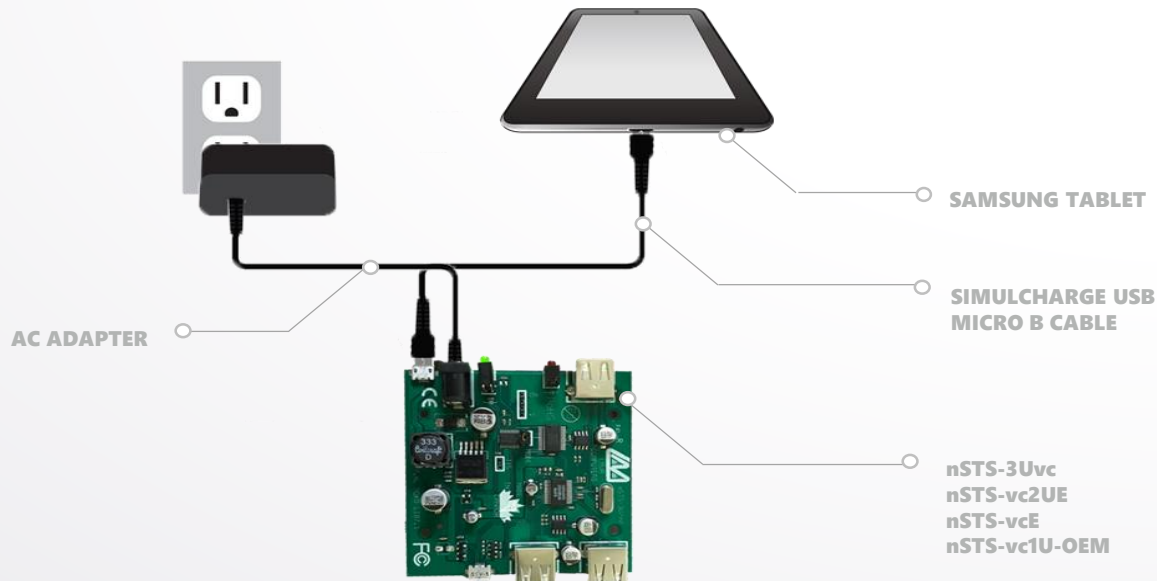
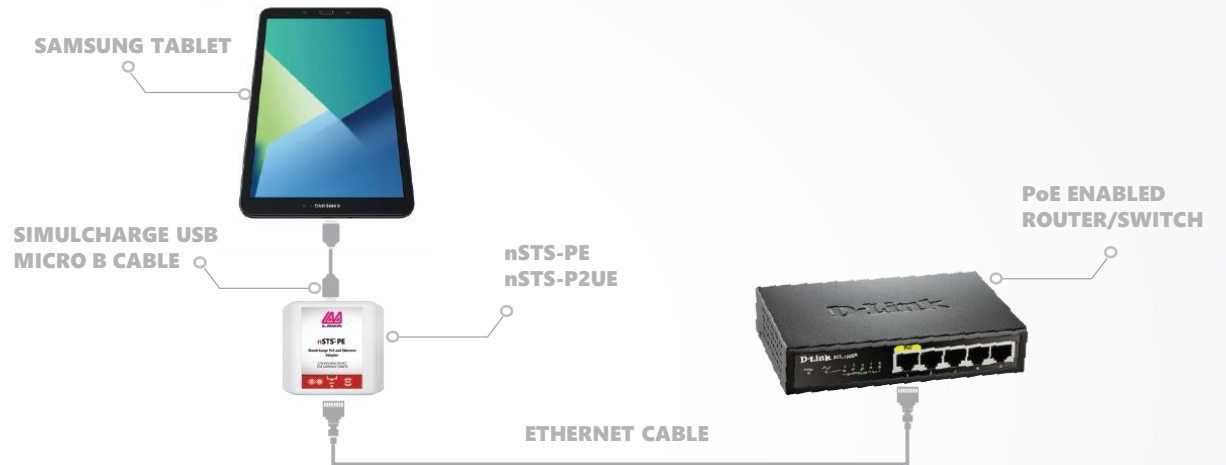


WHY POWER over ETHERNET or AC POWER SUPPLY

Operate your tablet kiosk for up to 50 feet away from the power source.

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. PoE allows the Samsung tablet and LAVA adapter to be located up to 50 feet from its power source.



AC POWER SUPPLY

The built-in voltage converter allows an external 9 V up to 36 V DC power supply to be located up to 50 feet away from the tablet.

The nSTS-vc adapters provide superior tablet charging by converting the input voltage into 5.2 volts output for use by the tablet.

MULTIPLE PRODUCT APPLICATIONS

DOCK IT AND UNDOCK IT WHEN YOU NEED IT

LAVA adapters are compatible with a wide range of enclosures. The nSTS line of products is recommended for both, portable tablets and fixed docking stations using an integrated LAVA adapter.

POINT OF SALES

- Line Busting & Ticketing
- mPOS
- Transportation & Logistics

QUALITY CONTROL

- Material tracking
- Production
- Scheduling

TRANSPORTATION

- In-vehicle data capture
- Fleet Management



imageHOLDERS LOXO
Mounting Solution integrated
with nSTS-1U-OEM



• LAVA'S nSTS-1U-OEM

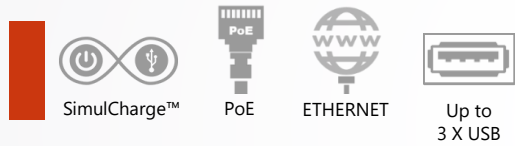
• PROCLIP MOUNTING

LAVA PRODUCT OVERVIEW

WIDE RANGE OF SAMSUNG TABLET ADAPTERS FOR KIOSK APPLICATIONS

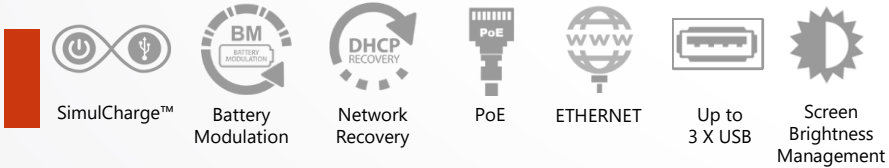
FEATURES

PRODUCT LINE



STS (SimulCharge Adapters)

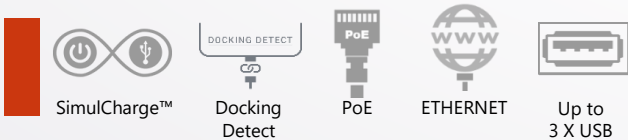
RECOMMENDED FOR LEGACY TABLETS SUCH AS SAMSUNG GALAXY TAB 4 SERIES



eSTS (SimulCharge with Battery Modulation Adapters)

RECOMMENDED FOR 24/7 KIOSK TABLET APPLICATIONS TO PROTECT TABLET FROM OVERCHARGING TO PROLONG TABLET'S BATTERY LIFESPAN AND PROVIDE RELIABLE NETWORK CONNECTIVITY

i LAVA Software installation required.



nSTS (SimulCharge with Docking Detect Adapters)

RECOMMENDED FOR PORTABLE TABLET KIOSKS THAT REQUIRE DOCKING FUNCTIONALITY WITH AUTOMATIC TABLET DETECTION TO SUPPLY POWER AND CONNECTIVITY SIMULTANEOUSLY TO THE TABLET.

ABOUT LAVA

COMPANY OVERVIEW



LAVA 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.

BENEFITS OF WORKING WITH LAVA



Unique SimulCharge product line for tablet kiosks solutions



Samsung Enterprise Alliance Silver-Tier Partner and KNOX Partner



In-house R&D, Engineering & Manufacturing



3-year warranty



Long-term availability



Phone-in technical support

LARGE DEPLOYMENT CLIENTS



DISTRIBUTORS AND RESELLERS



ADDRESS:



2 Vulcan St,
Toronto, ON M9W 5M9
P: 1 416-674-5942
F: 1 416-674-8262
www.lavalink.com

PROUD MEMBER OF:



SAMSUNG
ENTERPRISE ALLIANCE
PROGRAM

PRIMARY SALES CONTACT:

Orest Haluszka
Sales
1 (416) 674-5942 Ext. 308
orest.h@lavalink.com

Bob Figol
Sr VP Business Dev.
1 (416) 674-5942 Ext. 315
bobf@lavalink.com