

Overview

HP Tablet Charging Module and HP Charging Module Lan Kit

Models

HP Tablet Charging Module
HP Charging Module LAN Kit

J6X15AA
K7H15AA

Introduction

Quickly and easily charge, update, store, and secure up to 10 tablet PCs inside the HP Tablet Charging Module so they're ready when you need them.

Push Ethernet updates and charge to up to 10 HP ElitePad tablets (sold separately) simultaneously in your HP Tablet Charging Module with the HP Charging Module LAN Kit (each sold separately)

Compatibility

The HP Tablet Charging Module is compatible with AC-powered tablet devices up to 11.6 diagonal inches.

This can also be used on the following HP ElitePad with the following jackets and cases:

- 10 HP ElitePad Security Jackets
 - 10 HP ElitePad Rugged Case (removing the hands strap)
 - 10 HP ElitePad Expansion Jacket and HP ElitePad Expansion Jacket with Battery
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Service and Support

The HP Tablet Charging Module is supported by a three-year limited warranty. Additional support is available by phone as well as online support forums.

The HP Charging Module LAN Kit is supported by a one-year limited warranty.

Technical Specifications

Features, Materials & Finishes for HP Tablet Charging Module

Part number	J6X15AA
Main Compartment	Houses up to 10 tablets
Security Doors	Two aluminum locking doors open from the front center and slide in to the side pockets. Interior latch keeps unlocked doors closed. Top and rear access covers are removable to allow access to internal outlets, AC Adapters, AC Distribution box and fans. Covers may be secured to allow authorized access. Top cover includes a feature to help deter liquids from making contact with internal contents. The rear access cover features a one-directional snap out piece which may be removed for Ethernet cable routing into the Module for the ElitePad managing application. One set of keys ships with each Module.
Service Compartment	Includes the AC distribution box, internal outlets, 2 fans, 1 HP 65W AC power adapter for powering the AC distribution box. Access to the service compartment may be restricted via a security screw lock out feature.
Lower Recess	Undercut recesses on opposite ends of the Module assist in picking up the module
Tablet Bays	User manually plugs in tablet charging cables to initiate charging activity
Tablet Dividers	Tablet dividers are perforated for ventilation. Tablet dividers are removable.
Tablet Bay Dims (W x D x H)	30.5 x 350.5 x 258 mm 1.2 x 13.8 x 10.16 inch
Cable Wrap Tray	Cable wrap tray allows the user to neatly store excess power adapter cable length. Access holes at the front and rear of the cable wrap tray allow cables to be routed into the tablet compartment. User provides and installs the charging cables.
Ventilation	Perforations located on the front doors, removable rear panel and the tablet dividers aid in Module ventilation
Security Loop	Theft deterrent cable loop is included for securing the Module to a fixed location (and/or to each other) via a cable or tether
Feet	Rubber feet at the bottom of the Module are included
Product Color	Black Light Grey
Operating Assumptions	Must be capable of operating at: 100/110/120 VAC, 50/60 Hz or 220/230/240 VAC, 50/60Hz
Altitude	Electrical components and PCB spacing rated to 2000m (6562 ft)
Internal Power Receptacles	IEC 60320-C13 to HP 65-Watt Power supply
Cooling	10 country-specific outlets for charging tablets. Two 12-volt DC fans are included
Power Control	10 tablets are powered simultaneously
Power Status Indicators	One blue power on LED is located on the front of the Module for easy viewing

Technical Specifications

Fast Response Inrush Current Limit	Zero-crossing detection limits inrush current
Charge Priority	Equal among all 10 tablets
AC Power Adapter	One 65W HP adapter is included and pre-installed for providing power to the AC distribution box. PN of 65W Adapter is: HP 677774-01/ LiteOn PA-1650-32HJ
Fault Conditions	None will be indicated to the user
External Power Switch	Not included, the Module disconnect is via the power cord
Tablet Charging Status	Module design assumes that charge status of each individual tablet will be displayed on the device and not indicated on the Module
Country-Specific Power Distribution	Provide power for 10 AC-DC adapters for each device via country-specific power strips
Device Power Cables	Not Included – Module will use customer-supplied power adapters to supply charge to the tablets. The customer installs the power adapters

Safety, Testing and Environmental

Product Storage and Transportation Temperature	-29 degrees C to +60 degrees C (-20° F to 140° F) Relative Humidity – Storage 5-95% (non condensing)
Operating Temperature	0 degrees C to 30 degrees C (32° F to 86° F) Relative Humidity – Operating 10-90% (non condensing)
Energy Efficiency	Estimated efficiency of Module where efficiency is defined as the amount of energy used when empty (8W) compared to the amount of energy used when fully populated with tablets (135W). The efficiency is $(135W-8W)/135W = 94\%$.
Overall Cart and Electrical Requirements	RoHS, REACH, WEEE The system must be Listed, Verified, and Certified to: <ul style="list-style-type: none">• UL 60950-1• CAN/CSA C22.2 No. 60950• ICES-003 Issue 4, Class A• FCC Part 15 Class A• IEC 60950-1• GOST-R• KCC Emissions: EN55022 Immunity: EN55024

Technical Specifications

Product Documentation

Install guides and warranty information	Quick Set-up Guide. Warranty is 3 years on mechanical components and functions, 1 year on electrical components and functions.
Power Cord for HP Tablet Charging Module (from Charging Module to the wall)	Included for North American Modules, available in a separate kit for 230V Modules. Qty 1: 1.8m (5.9') detachable country-specific straight cord for power to the HP Tablet Charging Module. The cord shall require no suppression devices to meet required EMI/EMC limits. Note some APJ regions will use a longer power cord.

Product Weight & Dimensions

HP Tablet Charging Module Weight (w/o computer equipment)	14.1 kg (31 lbs)
HP Tablet Charging Module Weight (Loaded with tablets)	Estimated with the HP ElitePad (no jacket): 20.9kg (46 lbs)
Overall Product Dimensions (W x D x H)	Estimated standalone height - includes the rubber feet and rear flare: 460 x 551.5 x 316.6mm (18.1 x 21.7 x 12.46")
Module Rated Weight Capacity	Stacking on Frame: 31 kg (68.3 lbs) – stacking of 1 Modules Max (includes tablets and power adapters) Stacking at Center: 4.5 kg (10 lbs)

Packaging & Shipping Specifications

Packaging Design Requirements	Includes: 1 Tablet Charging Module 1 set of keys 1 power cord User documentation
End User Assembly	Module: Some assembly required. User to install tablet-specific charging cables. Charging cables are not included, they are provided with the tablets. Tablets are sold separately/customer supplied

Technical Specifications

HP Charging Module LAN Kit

Push Ethernet updates and charge up to 10 HP ElitePad tablets (sold separately) simultaneously in your HP Tablet Charging Module with the HP Charging Module LAN Kit.

Use the included HP ElitePad Power/Ethernet Adapters to connect your tablet's power cable and an Ethernet cable (sold separately) to each HP ElitePad. Hold the adapters in place, keep the interior of the module tidy, and help ensure accurate, uninterrupted data transfers with the included dongle holders.

Get peace of mind from the worldwide limited one-year warranty.

Part number	K7H15AA
Kit includes	10 - HP ElitePad Power/ RJ45 Adapter P/N F9D31AA 10 - Plastic 90 Degree Elbow 10 - Plastic Adapter Holder Documentation
	The HP Charging Module LAN Kit is sold separately from the HP Tablet Charging Module.

HP ElitePad Power/Ethernet Adapter

Dimensions (H x W x L) 0.602 x 2.165 x 215.56 in (15.3 x 55 x 547.54 mm)

Weight 1.69 lb (48 g)

RMN No. HSTNN-GD11

Host Interface HP ElitePad 70 pin connector

Device interface RJ45 Ethernet
70-pin female connector

Connectors Device output: RJ45 Ethernet , 70-pin female connector
Host input: 70pin male Connector

Supported 10/100 Mbps / ElitePad power adapter

Operating Temperature 0-40°C (32-104°F)

Storage Temperature -10~70°C (14~158°F)

System Requirements Microsoft Windows 7 with Service Pack 1 (32-bit or 64-bit), Windows Vista® with Service Pack 1 (32-bit or 64-bit), Microsoft Windows XP Home or Professional with Service Pack 3, Windows 8.

Environmental EMC FCC Part 15 Class B, IC ICES-003, CE (EN55022, EN61000, EN55024), BSMI, UL, C-tick, VCCI, KC

RoHS RoHS Compliant

Compatibility HP ElitePad 900 G1 Tablet, HP ElitePad 1000 G2 Tablet

Box contents HP Power/RJ45 Adapter Cable, AU / WW Warranty Card, Quick Installation Guide

Technical Specifications

Plastic, 90 Degree Elbow

Part number	795325-001
Color	Black
Size	0.77x0.79x0.34 in (19.5x20x8.7mm)
Weight	0.1 oz. (0.003kg)

Plastic Adapter Holder

Part number	795326-001
Color	Black
Size	2.59x2.11x1.25 in (65.7x53.5x31.8mm)
Weight	0.71 oz. (0.02kg)

Technical Specifications

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Summary of Changes

Date of change:	Version History:		Description of change:
October 23, 2014	V1 to V2	Added	Added information for the HP Tablet Module LAN Upgrade Kit
October 24, 2014	V2 to V3	Added	HP ElitePad Power/Ethernet Adapter and plastic holder specs.