Overview

HP ElitePOS Serial USB Thermal Printer



Model

HP ElitePOS Serial USB Thermal 1RL96AA

Introduction

Redefine your perception of retail printing with the HP ElitePOS Serial USB Thermal Printer, an eye-catching, compact, cubist printer designed to dazzle alongside your HP ElitePOS at the point of sale.

Key Features and Benefits

- Print quickly with 114 mm per second print speed and 8 MB of integrated memory. Add your logo, special offers or coupons to receipts with 203 DPI and fonts that include Unicode, Arabic, and Asian.
- Connect to your retail system with an optional USB, PUSB or Serial cable kit (sold separately), and drive up to two optional cash drawers through connections on the printer.
- Place the ultra-compact printer where you need it with the assurance that the internal steel frame can withstand the everyday wear and tear of retail environments.



Overview

Compatibility

The HP ElitePOS Serial USB Printer is compatible with the HP ElitePOS G1 Retail Point of Sale Systems.

NOTE: Not all Point of Sale system models are available in all regions. Not all HP Cash Drawer models are available in all regions. This printer does not comply with fiscalization requirements that may be required in certain countries.

Service and Support

Three (3) year limited warranty with advance exchange when purchased from HP. Additional HP Care Pack Services options are available to extend warranty coverage.



Technical Specifications

General

Supported Character Sets Resident Code Pages:

437 (US)

720(Arabic) 737 (Greek) 775 (Lithuanian) 850 (Multilingual) 852 (Slavic) 857 (Turkish)

858 (with Eurosymbol) 860(Portuguese) 862(Hebrew)

863 (French Canadian)

864 (Arabic) 865 (Nordic) 866 (Cyrillic) 874 (Thai) 932 (Kanji)

936 (Simplified Chinese) 949 (Korean - Hangul) 950 (Traditional Chinese) KZ_1048 (Kazakh) 1250 (Latin)

1250(Latin) 1251(Cyrillic)

1252 (Windows Latin I)

1254 (Turkish) 1255 (Hebrew) 1256(Arabic) 1257(Baltic) Katakana

28591 (ISO8859-1, Latin 1) 28592 (ISO8859-2, Latin 2) 28594 (ISO8859-4, Latin 4) 28596 (ISO8859-6, Latin/Arabic) 28599 (ISO8859-5, Latin 5/Turkish) 28605 (ISO8859-15, Latin 9)

Unicode UTF-8 encoding for listed code pages

Bar Codes 1D: UPC-A, UPC-E, EAN8, EAN13, Code 39, Code 93, Interleaved 2 of 5

Codabar, Code 128, Code 128, EAN 128, GS1 Databar

2D: Datamatrix, QR code, PDF 417

Print Method Direct Thermal

PrintingSpeed 114 mm/sec (33.75 LPS)

Resolution203 DPIFlash Memory8 MBRAM8 MB

Knife Full and Partial cuts supported



Technical Specifications

Receipt-Columns 44/56

Paper Type Direct Thermal Monochrome POS Grade(s)

Paper Roll Size (W x D) 3.1 in. X 3.26 in. (80 mm X 83 mm)

Paper Thickness Range 2.3 – 3.2 mil

Cash Drawers 1 connector can drive 2 cash drawers with separately purchased splitter

cable (default configuration is connection to 1 cash drawer)

Mechanical Dimensions (WxDxH) 4.4 in. X 5.2 in. X 4.06 in. (111.8 mm X 131.6 mm X 103 mm)

Weight 1.75lbs. (.793 kg) (printer only)

Color Ebony black

Interface/Connection Interface RS232 (9-Pin Female to 9-Pin Female NULL modem cable) or standard

USB 2.0 cable.

24V Cash Drawers support with RJ 12 interface

Power External Power Supply 48 w

Operating Voltage 24 V

Full Load Current 2 A w/active power management system

Idle Current25mAIdle Power0.6 W

Temperature Range Operating 41°F to 95°F (5°C to 35°C) at 5% to 90% humidity

95°F to 122°F (35°C to 50°C) at 5% to 40% humidity

Non-operating Transit range: -40°F to 140°F (-40°C to 60°C) 5% to 95% humidity

Storage range: 14°F to 122°F (35°C to 50°C) at 5% to 90% humidity

Drivers Windows, OPOS, JPOS

Operating Systems Windows

Windows 10 IoT Enterprise for Retail (64-bit)

Windows 10 Pro (64-bit)

Linux

Red Hat/CentOS 6 and 7 (32-bit and 64 bit)

Suse Linux® Enterprise POS 11 and 12 (32-bit and 64-bit)

Ubuntu 14.04 LTS (32-bit and 64-bit)

Reliability MCBF Print Mechanism: 29-million lines

MCBF Knife Cuts: 1-million Print Head Life: 100 km

Agency Certifications Flammability: UL 94V-0

Safety: UL 60950-1 2nd edition 2014-10-14; UL 62382-1 CAN/CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-10

EN 60950-1:2006 + A1:2010+ A2:2013

IEC/EN 62382-1 2ND Edition

CB Report: IEC 60950-1:2005 + A1:2009 +A2:2013

GB4943.1-2011-China

IS 13252-1 (2010)/A1:2013/A2:2015



Technical Specifications

Radiated Emissions: FCC 47CFR, Part 15, Class B

ICES-003: 2012, Issue 6, Class B EN 55032:2015 Class B CISPR22 Class B VCCI: V-3/2015.04 Class B AS/NZS 3548

Immunity: EN55024: 2010

EN61000-4-2 Level 4 (8kV direct, 15kV air discharge)

EN61000-4-3: Level 3 (10V/m) EN61000-4-6 Level 3 (10V rms)

EN61000-4-4: Level 3 (2kV mains, 1kV data lines)

RoHS, WEEE

Option kit contents

HP ElitePOS Serial USB Thermal Printer, Starter paper roll

NOTE: This printer does not comply with fiscalization requirements that may be required in certain countries.

Date of change:	Version History:	Description of change:
	From v1 to v2	



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