

Overview

HP Serial/USB Thermal Receipt Printer



Models

HP Serial/USB Thermal Receipt Printer

BM476AA

Overview

Introduction

The HP Serial/USB Thermal Receipt Printer is the ideal single station thermal printer for retail environments. Its fast print speed, compact size and long life expectancy mean optimal performance for Retail Point of Sale applications. It features a large 90mm paper roll capacity and is the ideal printing companion for the HP Point of Sale Systems. It also works seamlessly with the HP Cash Drawers (Models FK182AA and QT457AA).

Key Benefits

- Compact size maximizes POS space
 - Two color or monochrome thermal printing
 - Spill resistant built-in liquid dam with drainage helps prevent damage to printing mechanism
 - 8 MB Flash Memory for custom tasks (add store logos, offer promotions, highlight sales items, print coupons)
 - Steel modular frame withstands the wear and tear of retail environments
 - Connects to a powered USB connection on POS system, which helps to reduce power consumption and eliminates need for a dedicated printer power outlet.
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Compatibility

The HP Dual Serial/USB Receipt Printer is compatible with the HP 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.

Fiscalization is not supported in certain countries for this printer.

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) 850 (Multilingual Latin I) 852 (Latin II) 857 (Turkish) 858 (Multilingual Latin I + Euro) 860 (Portuguese) 862 (Hebrew) 863 (Canadian French) 865 (Nordic) 866 (Russian) 874 (Thai) – <i>Thai effective February 2011</i> 1251 (Cyrillic) 1252 (Latin 1) 1255 (Hebrew) 1256 (Arabic II) 932 (Japanese) 936 (Simplified Chinese) 949 (Korean) 950 (Traditional Chinese)	
	Two-Color Capability	Yes (2-color thermal receipt paper required)	
	Receipt-Columns	44/56	
	Paper Roll Size	80 mm x 90 mm	
	Paper Thickness Range	2.0–3.4 mil	
	Resolution	203 DPI	
	Knife	Standard (Ceramic, Rotary)	
	Flash Memory	8 MB	
	RAM	512 KB	
	Cash Drawers	1 connector can drive 2 cash drawers with separately purchased splitter cable (default configuration is connection to 1 cash drawer)	
	Bar Codes	UPC-A, UPC-E, Code 39, Code 128, EAN128, Jan8 and Jan13 (EAN), Interleaved 2 of 5, Codabar, PDF417, Code 128 extended, GS1 Databar	
	Print method	Direct thermal	
	Paper type	Direct thermal POS Grade(s)	
	Mechanical	Dimensions (WxDxH)	165.10 x 184.15 x 167.64 mm (6.5 x 7.25 x 6.6 in)
		Weight	3.17 kg (7 lbs)
Color		Carbonite	
Interface/Connection	Interface	RS232 (9-Pin Female to 9-Pin Female NULL modem cable or standard USB 2.0 cable. (Interface cable not included, sold separately) 24 V Cash Drawer support with RJ12 interface	
	Power		
Power	Operating Voltage	24 V	
	Current	1.4A (printing a typical receipt)	
	Consumption	88mA (idle)	
	Cable Length	3.2 ft (1m) Hosiden to PUSB Power Cable (Included)	
Temperature Range	Operating	5°C to 35°C (41°F to 95°F) at 5 – 90 % Humidity 35°C to 50°C (95°F to 122°F) at 5 – 40 % Humidity	

Technical Specifications

	Storage	-10°C to 50°C (14°F to 122°F) at 5 – 90 % Humidity
	Transit	-40°C to 60°C (-40°F to 140°F) at 5 – 95 % Humidity
Drivers		Windows native, OPOS, JPOS, COM
Operating System Compatibility	Windows	Windows 10 IoT Enterprise for Retail (64-bit) Windows 10 Pro (64-bit) Windows 8.1 Professional (64-bit) Windows Embedded Industry 8.1 Pro Retail (64-bit) Windows 7 Professional (32-bit and 64-bit) Windows Embedded POSReady 7 (32-bit and 64-bit) Windows Embedded POSReady 2009
	Linux	RedHat/Cento 6 and 7 (32-bit and 64-bit) Suse Linux® Enterprise POS 11 SP3 (32-bit and 64-bit) Ubuntu 14.04 LTS, (32-bit and 64-bit)
Reliability		MCBF Print Lines (64mill); MCBF Knife Cuts (2mill)
Agency Certifications		FCC, ICES-003,; CE, Austel: Class B Safety, UL 1950, CSA 22.2 No. 950, CE (EN60950), FCC Class B, C-Tick, RoHS, WEEE, SABS, GS
Option Kit Contents		HP branded Serial / USB Printer, Starter paper roll, Hosiden to PUSB cable (3M length), HP Documentation, Serial cable (3M length), USB cable (1.8M length)

Summary of Changes

Date of change:	Version History:		Description of change:
	From v1 to v2		
March 18, 2015	From v7 to v8	Changed	Dimensions and weight from Technical Specifications
November 24, 2015	From v8 to v9	Changed	Depth dimensions and Option Kit Contents in Technical Specifications
June 16, 2016	From v9 to v10	Added	Windows 10
		Changed	Warranty Statement
		Removed	Documentation CD
August 25, 2016	From v10 to v11	Added	Arabic code pages in Technical Specification Supported charset
October 6, 2016	From v11 to v12	Added	Swapped lineart for actual product photo
		Removed	Additional paper roll sizes
May 22, 2017	From v12 to v13	Added	Linux Section, Operating Systems for Windows: Windows 8.1 Professional Windows Embedded POSReady 7, into Drivers added COM
		Changed	Color from HP Carbonite to Carbonite
		Removed	32-bit from Windows 10 and Windows 10 IoT

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