

### Overview

### HP Value Serial/USB Receipt Printer II



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### Models

HP Value Serial/USB Receipt Printer II

**X3B46AA/AT**

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### Introduction

Complete your retail solution with the HP Value Serial/USB Receipt Printer II, a single-station thermal receipt printer designed for solid performance and reliability in retail environments.

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### Key Benefits

- Print a 6-inch receipt in 1.95 seconds with an affordable printer that has a 180 mm/sec print speed and 8 MB of integrated memory.
- Add a logo to your receipt or print special offers and coupons with fonts that now include Unicode, Arabic, and Asian.
- Use the USB type A connection with your current and evolving platforms, or keep your reliable legacy systems in play with a DB9 serial connection.
- Place the compact printer where you need it with the assurance that the internal steel frame will withstand the everyday wear and tear of retail environments.

### Overview

#### **Compatibility**

The HP Value Receipt Printer II is compatible with HP Retail Systems.

**NOTE:** Not all HP Retail 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.

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#### **Service and Support**

Your HP Peripheral Limited Warranty is a three (3) year (HP Option Limited Warranty Period) parts replacement warranty. Additional HP Care Pack Services options are available to extend warranty coverage.

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### 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)  
 1251 (Cyrillic)  
 1252 (Windows Latin 1)  
 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

#### Print Speed

180mm/sec (53.3 LPS)

#### Receipt-Columns

44/56

#### Paper Roll Size

3.1" x 3.55" (80 mm x 90 mm)

#### Paper Thickness Range

2.0-3.4 mil

#### Resolution

203 DPI

#### Knife

Self-sharpening ceramic rotary

#### Flash Memory

8 MB

#### RAM

8 MB

#### Cash Drawers

1 connector can drive 2 cash drawers with separately purchased splitter cable (default configuration is connection to 1 cash drawer)

#### Bar Codes

**1D:** UPC-A, UPC-E, EAN8, EAN13, Code 39, Code 93, Interleaved 2 of 5, Codabar, Code 128, EAN 128, GS1 Databar.  
**2D:** Datamatrix, QR code, and PDF-417.

#### Print method

Direct thermal

#### Paper type

Direct thermal POS Grade(s)

### Technical Specifications

<b>Mechanical</b>	<b>Dimensions (WxDxH)</b>	5.65"x7.27"x5.27" (144mm x 185mm x 134mm)
	<b>Weight</b>	2.9 lbs. 4oz (1.3 kg) (printer only) 6 lbs. (2.72 kg) (approximate w/packaging & accessories)
	<b>Color</b>	HP Carbonite
<b>Interface/Connection</b>	<b>Interface</b>	RS232 (9-Pin Female to 9-Pin Female NULL modem cable) or standard USB 2.0 cable. (Interface cables included) 24 V Cash Drawer support with RJ11 interface
	<b>Power</b>	<b>External power supply</b> 60w <b>Operating Voltage</b> 24 V <b>Full load Current</b> 2.5 A w/active power management system <b>Idle Current</b> 15mA <b>Idle Power</b> 0.5W <b>Cable Length</b> AC power cord 6 ft., 1.83m, (most models) Serial printer cable 9.8 ft. (3m) USB cable 6 ft., (1.83m)
<b>Temperature Range</b>	<b>Operating</b>	40° to 125° F (5 to 50° C) at 10% to 90% humidity (non-condensing at ambient)
	<b>Non-operating</b>	Transit range: 14°F to 122°F (-10°C to 50°C) 5% to 90% humidity Storage range: -40°F to 140°F (-40°C to 60°C) 5% to 95% humidity
<b>Drivers</b>	Windows native, OPOS, JPOS	
<b>Operating Systems (Compatible with)</b>	<b>Windows</b>	<ul style="list-style-type: none"><li>• Windows 10 32-bit and 64-bit</li><li>• Windows 8/8.1 Professional 32-bit and 64-bit</li><li>• Windows Embedded Industry 8/8.1 32-bit and 64-bit</li><li>• Windows 7 Professional 32-bit and 64-bit</li><li>• Windows Embedded POSReady 7 32-bit and 64-bit</li><li>• Windows Embedded POSReady 2009</li></ul>
	<b>Linux</b>	<ul style="list-style-type: none"><li>• Red Hat/CentOS 6 and 7 32-bit and 64 bit</li><li>• Suse Linux® Enterprise POS 11 and 12 32-bit and 64-bit</li><li>• Ubuntu 14.04 32-bit and 64-bit</li></ul>
<b>Reliability</b>	MCBF Print mechanism: 72 million lines MCBF Knife Cuts: 3 million Printhead Life: 242 km	
<b>Agency Certifications</b>	Flammability: UL 94V-0, Safety : UL 60950-1 2nd edition / UL-C -C22.2No.60950-1-07 / EN 60950-1 :2006/A2 :2013 / CB Report : IEC 60950-1 :2005/A2 :2013 / GB4943.1-2011 – China / IS 13252-1 (2010)	
	Radiated Emissions : FCC 47CFR, Part 15, Class B / ICES-003:2004, Issue 5, Class B / Class B / EN55032:2012 Class B/ AS/NZS/CISPR22:2010	
	Immunity : EN55024 (2010) / EN61000-4-2 / EN61000-4-3 / EN61000-4-4 / EN61000-4-6	
	RoHS, WEEE	
<b>Option kit contents</b>	HP Value Serial/USB Receipt Printer II, Starter paper roll, 24V external power supply, AC power cord, serial null printer cable, USB cable.	

### Technical Specifications

<b>Date of change:</b>	<b>Version History:</b>		<b>Description of change:</b>
June 15, 2016	From v1 to v2	Added	Windows 10 and Windows IoT, product image, change summary box
		Changed	Warranty statement
		Removed	Documentation CD
February 10, 2017	From v2 to v3	Added	Product Refresh, specs and picture
April 20, 2017	From v3 to v4	Changed	PN changed from BM476AA to X3B46AA in the Models section
May 3, 2018	From v4 to v5	Changed	Models

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