Overview

HP LAN Thermal Receipt Printer

Models

HP LAN Thermal Receipt Printer	M2D54AA

QuickSpecs

Overview

Introduction
Enable quick and easy receipt printing from every device on your network – from fixed POS to mobile – with the HP LAN Thermal Receipt Printer.

Key Benefits
- 10/100 Ethernet Thermal Receipt Printer
- Compact size maximizes POS space
- Speed 350mm/sec mono speed
- Flash Memory 8MB
- RAM 8MB
- Print Life 242km or 150 miles
- Knife Life 3M cuts
- HP 3-year limited warranty

Compatibility
The HP LAN Thermal Receipt Printer is compatible with HP Retail Systems.

NOTE: Not all Retail system models are available in all regions.

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 (Baltic)
		850 (Multilingual Latin I)
		852 (Latin II)
		857 (Turkish)
		858 (Multilingual Latin I + Euro)
		860 (Portuguese)
		862 (Hebrew)
		863 (Canadian French)
		864 (Arabic)
		865 (Nordic)
		866 (Russian)
		874 (Thai)
		1250 (Windows Central Europe)
		1251 (Cyrillic)
		1252 (Latin 1)
		1254 (Windows Turkish)
		1255 (Hebrew)
		1256 (Windows Arabic)
		1257 (Windows Baltic)
		28591 (Windowa Latin 1)
		28592 (Windows Latin 2)
		28594 (Windows Baltic)
		28596 (Windows Arabic)
		28599 (Windows Turkish)
		28605 (Windows Latin 9)
		Katakana
		KZ_1048 (Kazakh)
		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	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	UPC-A, UPC-E, Code 39, Code 93, Code 128, EAN128, Jan8 and Jan13 (EAN), Interleaved 2 of 5, Codabar, PDF417, Code 128 extended, GS1 Databar, QR code, Datamatrix
	Print method	Direct thermal

QuickSpecs

Technical Specifications

Mechanical	**Paper type**	Direct thermal POS Grade(s)
	Dimensions (HxWxD)	134 x 144 x 184 mm (5.34 x 5.66 x 7.24 in)
	Weight	1.34 kg (2.9 lbs)
	Color	HP Carbonite
Interface/Connection	**Interface**	RS232 (9-Pin Female to 9-Pin Female NULL modem cable (included) 9.8 ft (3m) USB 2.0 cable (Included) 9.8 ft (3m) 24 V Cash Drawer support with RJ12 interface
Power	**Operating Voltage**	24 V
	Supply	External (included)
	Current	2.3 A (printing a typical receipt)
	Consumption	20mA (idle)
	Cable Length	Hosiden to PUSB Power Cable (Included) 9.8 ft (3m)
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
	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	
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 8.1 Industry 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** Red Hat/CentOS 5 and 6, 7(32/64 bit) Suse Linux® Enterprise POS 11 (32/64 bit) Ubuntu 12.04, 14.04 (32/64 bit)	
Reliability	MCBF Print Lines (72mill); MCBF Knife Cuts (3.0mill)	
Kit Contents	HP LAN Thermal Receipt Printer, Starter paper roll, External power supply, Ethernet Cable, USB 2.0 cable, and HP Retail System Software.	

Technical Specifications

HP LAN Thermal Receipt Printer

Front View

1.   Paper feed button

Back View

2.   RJ-45 Ethernet Jack
3.   USB Port (printer cable port)
4.   Power supply connector
5.   RJ-12 Cash Drawer

Summary of Changes

Date of change:	Version History:		Description of change:
June 16, 2016	From v1 to v2	**Added**	Added WIN10
		Changed	Warranty statement
		Removed	Documentation CD
June 19, 2017	From v2 to v3	**Changed**	The image in page 1 and moved to Technical Specifications section
		Removed	Removed 32-bit for the following OS: Windows 10, Windows Embedded 8.1 Industry Pro Retail and Windows 8.1 Professional
December 4, 2018	From v3 to v4	**Changed**	Supported Character Sets and Barcodes sections