

### Overview

### Epson TM-H6000VI Hybrid Printer with Check Processing



### Model

Epson TM-H6000VI Hybrid Printer

A1NL2AA

### Introduction

The Epson TM-H6000VI Hybrid Printer is a receipt printer with dual-interface connectivity and cloud support. The printer can connect to multiple devices simultaneously and be dynamically shared by legacy POS terminals, tablets and mobile devices, as well as cloud servers.

### Key Benefits

- Flexibility with two connectivity options: powered USB and Ethernet
- Quick and efficient check processing with MICR reader accuracy of 99.9 percent
- Print speed up to 450 mm/sec
- Advanced paper- saving options help lower costs by reducing paper usage by up to 49 percent
- Remote status monitoring and management from virtually anywhere helps keep workflow moving and cut down on downtime
- Engineered for reliability with a long- life printhead and auto cutter and an easy-to-clean, water- resistant enclosure
- Three-year limited warranty from HP

### Overview

#### **Compatibility**

The Epson TM-H6000VI Hybrid 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.

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#### **Service and Support**

Three (3) year limited warranty with advance exchange when purchased from HP.

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### Technical Specifications

#### Print

<b>Printing Method</b>	Receipt: thermal line Slip, Endorsement: 9-pin serial impact dot matrix
<b>Print Speed</b>	Receipt: Up to 450 mm/s Slip: Up to 5.7 lps Endorsement: Up to 4.0 lps
<b>Print Resolution</b>	Receipt: 180 dpi

#### Print Fonts

##### Thermal Print Fonts

ANK Font A (default): 12 x 24 dots  
ANK Font A (46 column emulation): 11 x 24 dots  
ANK Font B: 9 x 17 dots  
Font C: 10 x 20 dots  
Multi-Byte Font: 24 x 24 dots

##### Slip Print Fonts

ANK Font A: 5 x 9 dots  
ANK Font B: 7 x 9 dots  
Multi-Byte Font: 16 x 16 dots

##### Endorsement Print Fonts

Endorsement Font: 5 x 7 dots  
ANK Font A: 5 x 9 dots  
ANK Font B: 7 x 9 dots

##### Character Sets

95 Alphanumeric, 18 International, 128 x 43 graphic, Simplified Chinese, Traditional Chinese; requires utility to set the desired language support.

##### Barcode Printing (Receipt and Slip)

UPC-A, UPC-E, JAN 8/ EAN 8, JAN 13/ EAN 13, Code 39, Code 93, Code 128. Code 128 Auto, ITF, CODABAR (NW-7), GS1-128, GS1 DataBar (Truncated, Limited, Expanded)

##### Two-Dimensional Symbol (Receipt)

PDF417, Maxi Code, Data Matrix, Aztec Code, Two-Dimensional GS1 DataBar, Composite Symbology

### Technical Specifications

#### Media Handling

##### Media Dimensions

Receipt: 79.5 ± 0.5mm (width) x 83mm (roll diameter)  
Slip: 68 – 230 mm (width) x 68 – 297 mm (height);  
68 mm x 152 mm minimum size

##### Thickness

Receipt: 48 – 80 µm  
Slip/ Endorsement: 0.09 – 0.22 mm single- ply

##### Copy Capacity

Slip: One (1) original and three (3) copies  
Endorsement: One (1) original and two (2) copies

##### Inked Ribbons and Life

Slip: ERC-32B; up to 4,000,000 characters  
Endorsement: ERC-43B: up to 3,000,000 characters

#### Connectivity

**Interfaces:** PUSB, Ethernet, plus a USB Type A peripheral port

**Communication Protocols:** ESC/POS®, ePOS-Print Service (Ethernet/ Wireless), Server Direct Print (Ethernet/ Wireless)

**Easy Setting Function:** NFC, QR Code

**Easy Setting Tool:** TM-H6000VI Utility (Windows®), EpsonNetConfig

#### Eco Features

Power-Saving Mode  
RoHS compliant

### Technical Specifications

#### General

##### Data Buffer

Receive: 45 Bytes or 4 KB, selectable

User- defined: 12KB

Macro buffer: 2KB

NV Graphics: 384 KB (maximum)

NV User: 1KB (maximum)

**Development Kit:** OPOS ADK (Windows), JavaPOS ADK (Windows, Linux®), OPOS ADK for .NET (Windows)

**Drivers:** Epson Advanced Printer Driver (APD), TM Virtual Port Driver, Linux Printer Driver

**Software:** TM-H6000VI Utility (Windows), EpsonNET Config, Deployment Tool, Monitoring Tool, TM-H6000VI Firmware Updater, BmpToRaster Slip Paper Sensor Adjustment Tool (Windows)

**LED Indicators:** Power, Error (1, 2, 3), Paper, Slip

**Sensors:** Paper- End, Near- End, Cover Open, Slip Paper Sensor

**D.K.D. Function:** Yes (2 drivers)

**Average Power Consumption:** Operating: 26.6 W, Standby: 1.0 W

**Power Source:** 24 VDC ± 7%

**Dimensions (W x D x H)** 7.32" x 10.95" x 7.13" / 186 mm x 278 mm x 181 mm

**Weight:** Approx 9.7 lb (4.4 kg)

**Color:** Black

**Standards and Approvals:** EMI FCC Class A, ICES-3 (A)/NMB-3 (A), Safety Standard UL62368-1/CSA C22.2 No. 62368-1

**USB POS Peripheral Device Support:** 1

#### Operating System Compatibility

Microsoft® Windows 11, 10, 8.1, 8.0, 7

Windows Server® 2012/2012 R2, 2008/2008 R2, 2016, 2019, 2022

Windows Embedded Standard 7

Windows POS Ready 7

Red Hat® Linux Enterprise

Open SUSE® Linux Enterprise

CentOS®

Ubuntu®

#### Reliability

**MTBF:** 360,000 hours

**MCBF:** 96,000,000 lines

**Thermal head life:** 200 km

**Auto cutter life:** 3 million cuts (when using the certified paper types, TF50KS-EY, PD160R, KT55FA)

#### Box contents

TM-H6000VI printer, thermal roll paper (starter roll for testing), setup guide, power switch and connector covers, ERC-32(B) Ribbon Cassette (for slip/ validation), ERC-43 (B) Ribbon Cassette (for endorsement). Cables sold separately.

#### Recommended Cables

Epson 6-ft PUSB Cable (2KH43AA) OR Epson 12-ft PUSB Cable (AMS only) (7NX62AA)

(sold separately)

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

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