

OmniLink® TM-H6000VI

Multifunction POS Printer
with Check Processing



Multifunction hybrid POS receipt printer with check processing.

Fastest multifunction hybrid printer in the industry¹ — up to 500 mm/sec² for faster transaction times

Accurate check processing — robust slip and endorsement printing; MICR accuracy of 99.9 percent

Engineered for reliability — long-life printhead and auto cutter³; easy-to-clean, water-resistant enclosure; backed by 2-year limited warranty

Advanced paper-saving functions — help reduce costs with up to 49 percent reduction in paper usage⁴

Real-time remote monitoring⁵ and management — get remote access to the printer's status, maintenance counters, part life expectancy and settings

Multiplatform support — compatible with traditional POS terminals and mobile devices

Online ordering capability — Server Direct Print function allows the printer to retrieve orders from a Web server and print a receipt without requiring integration with POS software

Flexible setup and configuration — Epson TM Utility app⁶ streamlines the setup process; additional memory enables multilingual support on each printer

POS peripheral support — supports POS peripherals such as payment terminals and customer displays

Print

Printing Method

Receipt: Thermal line
Slip, Endorsement: 9-Pin serial impact dot matrix

Print Speed

Receipt: Up to 500 mm/s
Slip: Up to 5.7 lps
Endorsement: Up to 4.0 lps

Print Resolution

Receipt: 180 dpi

Print Fonts

Thermal Print Fonts (Name, Structure [W x H dots], Size [mm], Horizontal Dot Spacing, Columns Per Line [cpl])

ANK Font A, 12 x 24 dots, 1.41 mm x 3.39 mm, 2 dots, 42 cpl
ANK Font A (46 column emulation), 11 x 24, 1.27 mm x 3.39 mm, 1 dot, 46 cpl

ANK Font B, 9 x 17 dots, 0.99 mm x 2.40 mm, 2 dots, 56 cpl

ANK Font C, 10 x 20 dots, 1.27 mm x 2.82 mm, 1 dot, 36 cpl

Multi-Byte Font, 24 x 24 dots, 3.39 mm x 3.39 mm, 0 dots, 15 cpl

Slip Print Fonts (Name, Structure [W x H dots], Size [mm], Horizontal Dot Spacing, Columns Per Line [cpl])

ANK Font A, 5 x 9 dots, 1.56 mm x 3.11 mm, 1 dot, 45 cpl

ANK Font B, 7 x 9 dots, 1.24 mm x 3.11 mm, 2 half-dots, 60 cpl

Multi-Byte Font, 16 x 16 dots, 2.67 mm x 2.94 mm, 2 dots, 30 cpl

Endorsement Print Fonts (Name, Structure [W x H dots], Size [mm], Horizontal Dot Spacing, Columns Per Line [cpl])

Endorsement Font, 5 x 7 dots, 1.09 mm x 2.41 mm, 1 dot, 40 cpl

ANK Font A, 5 x 9 dots, 1.56 mm x 3.11 mm, 1 dot, 25 cpl

ANK Font B, 7 x 9 dots, 1.24 mm x 3.11 mm, 2 half-dots, 33 cpl

Character Sets

95 alphanumeric characters, 18 international sets, 128 x 43 graphic, Japanese (JIS X0208-1990, 845 special characters), Simplified Chinese (GB18030-2022 or GB2312), Traditional Chinese (Big5), Korean (KSC5601)

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

Media Handling

Media Dimensions

Receipt: 79.5 ± 0.5 mm (width) x 83 mm (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 (Built-In Plus Choice of Connect-It™ Interface)

Built-in: USB Type-B, Ethernet (10/100Base-T/TX), USB Type-A peripheral device port
Connect-It Interfaces (IUB): Serial, Parallel, Powered USB, Wireless

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®), EpsonNet Config

General

Data Buffer

Receive: 45 bytes or 4KB, selectable

User-defined: 12KB

Macro buffer: 2KB

NV Graphics: 384KB (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 Supply Adapter PS-190 (Included on Select SKUs)

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)

Case Color Black (EBCK), White (ENN8.5)

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

Ordering Information

Model	Interface*	Power Supply	Color	Part Number
Endorsement Model				
OmniLink TM-H6000VI	Serial	Yes	EBCK	C31CL25032
OmniLink TM-H6000VI	Serial	No	EBCK	C31CL25034
OmniLink TM-H6000VI	Powered USB	No	EBCK	C31CL25036
OmniLink TM-H6000VI	Parallel	Yes	EBCK	C31CL25A9981
OmniLink TM-H6000VI	Serial	Yes	ENN8.5	C31CL25031
OmniLink TM-H6000VI	Powered USB	No	ENN8.5	C31CL25A9951
Validation Model				
OmniLink TM-H6000VI	Serial	Yes	EBCK	C31CL25054
Accessories				
Color Customer Display Black (DM-D70)				A61CH62111
Color Customer Display White (DM-D70)				A61CH62101
Customer Display Black (DM-D30)				A61CF26111
Customer Display White (DM-D30)				A61CF26101
Wireless USB Adapter (OT-WL06)				C32C891321
Proximity Beacon Adapter (BT-820)				C32C824A8761

* All models have built-in USB and Ethernet interfaces.

For additional options, please contact your Epson representative.

Eco Features

Power-Saving Mode

ENERGY STAR® qualified (select SKUs)

RoHS compliant

End-of-life options available⁷

Epson America, Inc. is a SmartWay® Transport Partner⁸

What's Included

OmniLink TM-H6000VI, Thermal Roll Paper (starter roll for testing), Setup Guide, Power Switch and Connector Covers, ERC-32(B) Ribbon Cassette, ERC-43(B) Ribbon Cassette (endorsement models only), AC Adapter and AC Cord
(Contents vary by individual SKU, including AC adapter and cord.)

Warranty

2-year limited in the U.S. and Canada; optional extended service plans available

Epson PreferredSM Plus Extended Service Plans⁹

1-Year Return for Repair	EPPSDEXTB1
2-Year Return for Repair	EPPSDEXTB2
3-Year Return for Repair	EPPSDEXTB3
1-Year Spare-in-the-Air Coverage	EPPSDSITAB1
2-Year Spare-in-the-Air Coverage	EPPSDSITAB2
3-Year Spare-in-the-Air Coverage	EPPSDSITAB3
4-Year Spare-in-the-Air Coverage	EPPSDSITAB4
5-Year Spare-in-the-Air Coverage	EPPSDSITAB5

1 Compared to multifunction hybrid thermal receipt printers available in the U.S. as of January 2024, based on manufacturers' published specifications. | 2 Speed based on using 80 mm wide media only and Epson's PS-190 power supply. Configurations not including the PS-190 will have a default print speed of 450 mm/sec. | 3 Rated printhead and cutter lives based on use of the following media only, with printer operated at room temperature and normal humidity: Model KT55FA: Papierfabrik August Koekler SE, Model PD160R: Oji Imaging Media Co. Ltd., Model TF50KS-Y: NIPPON Paper Industries Co. Ltd. | 4 Paper savings depend on the text and graphics printed on the receipt. | 5 Requires customization with third-party applications. | 6 Download and compatible device required. Data usage fees may apply. See User's Guide for details. | 7 For convenient and reasonable recycling options, visit www.epson.com/recycle | 8 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | 9 Product comes with 2-year limited warranty with the option to purchase extended service plans up to a total of 5 years of continuous coverage. Extended service plan must be purchased within 90 days of product purchase. See individual service plan for details.

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