

# OmniLink TM-H6000V Multifunction POS Printer

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## Powerful multifunction POS printer for retail and financial services.

The OmniLink TM-H6000V multifunction POS printer from Epson features all the tools that growing businesses need. With dynamic multi-interface connectivity, it can be shared by mobile devices and legacy POS terminals. Designed for the cloud, the TM-H6000V helps businesses leverage printing from Web-based apps including online ordering services, so they're ready for the ever-changing world of retail. Remote printer monitoring<sup>1</sup> means less down time and an intuitive control panel provides clear error indications. The TM-H6000V also facilitates distributed proximity-based printing with Beacon<sup>2</sup> and NFC<sup>3</sup> technologies, and offers advanced paper-saving features.

**Model:** C31CG62032



- **Connect to multiple devices** — printer can be dynamically shared by legacy POS terminals, tablets and mobile devices, as well as cloud servers
- **Triple-interface connectivity to future-proof growing businesses** — maximum flexibility with three options, including built-in USB and Ethernet
- **Less down time** — remote monitoring of the printer's status and part life expectancy<sup>1</sup>
- **Fewer service calls** — intuitive control panel with visual error notifications
- **Designed for the cloud** — supports printing from Web-based applications utilizing Epson's ePOS™ print technology; plus, utilize Server Direct Printing for online ordering support
- **Distributed proximity-based printing** — through Epson's Beacon support using BLE (Bluetooth® Low Energy)<sup>2</sup>; and, through NFC (Near Field Communication) technology for easy pairing with mobile devices<sup>3</sup>
- **Advanced paper-saving functions for thermal receipts** — top-margin and character height reduction features help reduce paper usage by up to 47 percent<sup>4</sup>
- **Reliability** — printhead reliability of 200 km and extended auto cutter life of 3 million cuts<sup>5</sup>
- **Fast transaction times** — print speeds up to 350 mm/sec<sup>6</sup>, plus a high-speed auto cutter
- **Fast check processing** — high MICR reader accuracy of 99.9 percent

## Eco Features

- RoHS compliant
- Recyclable product<sup>7</sup>
- Epson America, Inc. is a SmartWay<sup>SM</sup> Transport Partner<sup>8</sup>

### Better Products for a Better Future™

For more information on Epson's environmental programs, go to [www.epson.com/environment](http://www.epson.com/environment)

## What's In The Box:

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- OmniLink TM-H6000V printer
- Thermal roll paper (starter roll for testing)
- Power switch cover
- Connector cover
- Set-up guide
- Ribbon cassette: ERC-32(B)
- Ribbon cassette: ERC-43(B) (models with Endorsement printing)
- AC adapter and AC cord\*
- CD (drivers, utilities, and documentation)\*

\* May not be included depending on the model

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## Specifications



## Print Other:

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### Printing Technology:

- Receipt: Thermal line printing
- Slip / Endorsement: 9-pin serial impact dot matrix

**Print Speed:**

- Receipt: Up to 350mm/sec<sup>6</sup>
- Slip: Up to 5.7 lps (40 columns, 17.8 cpi)
- Endorsement: Up to 4.0 lps

**General:**

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**Operating Systems:**

Microsoft® Windows 10, 8.1, 8.0, 7, Windows XP, Windows Vista®, Windows Server® 2012/2012 R2, 2008/2008 R2; WEPOS; POSReady; Red Hat® Enterprise Linux, OPEN SUSE®, CentOS®, Ubuntu®

**Dimensions:**

7.32" x 10.95" x 7.13" (W x D x H)

**Weight:**

Approx. 9.7 lb (4.4 kg)

**Safety Approvals:**

- Device: WEEE, RoHS compliant
- Control board:
  - EMC standards: FCC /ICES-003 class A
  - Safety standards: UL60950-1/CSA C22.2 No.60950-1
  - Radio standards: FCC/IC, CE marking, RE Directive

**Case Color:**

Black (EBCK), White (ENN8.5)

**Consumables:**

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**Ribbon Life:**

- Slip: 4,000,000 characters
- Endorsement: 3,000,000 characters

**Inked Ribbon:**

- Slip: ERC-32B (black)
- Endorsement: ERC-43B (black)

**Print Fonts:**

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**Print Fonts:**

- Receipt: 9 x 17 / 10 x 20 / 12 x 24
- Slip: 5 x 9 / 7 x 9
- Endorsement: 5 x 7

**Column Capacity:**

- Receipt: 56 / 51 / 42 columns
- Slip: 60 / 45 columns
- Endorsement: 25 / 33 / 40 columns

**Character Size:**

- Receipt: 0.99 x 2.4mm (W x H) / 1.27 x 2.82 (W x H) / 1.41 x 3.39mm (W x H)
- Slip: 1.56 x 3.11mm (W x H) / 1.24 x 3.11mm (W x H)
- Endorsement: 1.1 x 2.41mm (W x H)

**Character Set:**

95 Alphanumeric, 37 International, 128 x 11 Graphic (Receipt), 128 x 12 Graphic (Slip & Endorsement)

**Characters per Inch:**

- Slip : 13.3 cpi / 17.8 cpi
- Endorsement: 21.2 cpi

**Barcode:**

- Receipt & Slip: UPC-A, UPC-E, JAN 8 (EAN 8), JAN 13 (EAN 13), CODE 39, ITF, CODABAR, CODE 93, CODE 128, GS1-128, GS1 DataBar
- Two-dimensional symbol (Receipt): PDF417, QR CODE, MaxiCode, Composite Symbology, Datamatrix, Aztec

## Media Handling:

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**Thickness:**

- Receipt: 53 - 75  $\mu$ m
- Slip/Endorsement: 0.09 to 0.22mm

**Media Dimensions:**

- Receipt: 79.5  $\pm$  0.5 x diameter 83.0mm [3.13  $\pm$  0.02 x diameter 3.27"], 57.5  $\pm$  0.5 mm (W)  $\times$  dia. 83.0 mm [2.26  $\pm$  0.02 x diameter 3.27"]
- Slip: Wide 68 – 230mm [2.7" – 9"], Length 68 – 297mm [2.7" – 11.7"]

**Copy Capacity:**

- Slip: One original & three copies
- Endorsement: One original & 2 copies

## Connectivity:

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**Standard Connectivity:**

- Built-in USB, Built-in Ethernet (10/100Base-T/TX) + UIB (Connect-It™ interfaces: Serial, Parallel, Powered USB), Bluetooth (dedicated model)
- Wireless (USB wireless dongle): OT-WL05 (802.11 a/b/g/n) or OT-WL02 (802.11 b/g/n)
- Beacon (using Bluetooth Low Energy): Beacon USB dongle<sup>2</sup> (Epson-approved: Laird model BT820)
- Printer Discovery: NFC (Near Field Communication)<sup>3</sup>, Simple AP (wireless network)
- Communication Protocols: ESC/POS, ePOS-Print Service (Ethernet/Wireless), Server Direct Print (Ethernet/Wireless)

**Printing from a Mobile Device:**

- WiFi (802.11): iOS, Android™ and Windows® operating systems
- Bluetooth: iOS, Android and Windows

## POS Details:

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**Reliability:**

- Receipt
  - MTBF: 360,000 hours
  - MCBF: 96,000,000 lines
- Slip / Endorsement
  - MTBF: 180,000 hours
  - MCBF: 29,000,000 lines
- Thermal Head Life
  - 200km<sup>5</sup>
- Auto Cutter Life
  - 3,000,000 cuts<sup>5</sup>

**Data Buffer:**

45 bytes or 4 KB

**D.K.D.:**

2 drivers

**Software Included:**

- ePOS-Print (XML over HTTP): WEP / WPA / WPA2-Personal/Enterprise
- ePOS-Display
- Server Collaboration: Server Direct Print, Status notification

**Options:**

- Wireless USB dongles: OT-WL02, OT-WL05
- Beacon USB dongle: BT820 (Laird)
- 58 mm Paper guide: PG-58II
- Power supply: PS-180
- DM-D Pole (for displays): DP-502
- Filler Plate: TA-6000II
- Dongle Cover: OT-DC6000

**Power:**

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**Power Source:**

24 VDC  $\pm$  7%

**Power Supply:**

PS-180 (option)

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