Epson OmniLink TM-H6000IV-DT Intelligent Printer

The high-performance OmniLink™ TM-H6000IV-DT combines Epson's best-selling multifunction printer with a retail-hardened PC to deliver mobile, portable and full-featured POS solutions that meet the needs of today's retailers.

- Retail-hardened PC with printer
- POSReady 7, Windows 7 Pro or Linux OS
- Ethernet, optional Wireless-N connectivity
- Multiple USB ports, built-in VGA for POS peripheral connectivity and built-in Powered USB hub
- Mobile POS supports web-based printing and peripheral device control from any mobile device
- Intel® Atom™ processor supports a variety of PC-POS applications
- Print options that can reduce paper usage up to 30%

The new way to run retail

The OmniLink TM-H6000IV-DT is designed to offer retailers maximum POS computing power. It includes a retail-hardened PC with a POSReady 7, Windows 7 Pro or Linux operating system powered by an Intel Atom 1.8GHz processor. Optimized for stability and performance, the PC is integrated into the same footprint of Epson's leading multifunction POS printer.

Full-featured PC-POS replacement

Unlike traditional PC-POS stations, the OmniLink TM-H6000IV-DT provides an almost invisible POS solution with its integrated PC hardware and built-in printer. It allows retailers to reduce traditional lane sizes or use the extra space to display high margin products. And it can be placed anywhere in the store where there is an AC outlet.

Portable POS solutions that go anywhere

With Epson's OmniLink TM-H6000IV-DT you can set up a full-featured portable POS system anywhere, anytime. All you need is an AC outlet to power the OmniLink and the USB peripherals connected to it. And it can easily be transported or shipped from place to place.

Integrated technology for mobile POS

Epson's OmniLink TM-H6000IV-DT supports mobile POS across multiple platforms, devices and applications anywhere in the store. With its built-in web server and ePOS technology, it offers web-based printing and peripheral control from any mobile device. And it can control printing from mobile devices on up to 20 networked printers.

Industry-leading multifunction printer

Epson's built-in multifunction TM-H6000IV printer delivers everything retailers need from fast receipt and slip printing to the industry's fastest check processing. In addition, it offers cost-effective print options that can reduce paper usage up to 30% and features industry-leading energy efficiency.

Backed by the leader

The OmniLink TM-H6000IV-DT features the quality and reliability that Epson is known for and is backed by Epson's world-class service and support programs.

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All the features you need

- Retail-hardened PC with printer
- POSReady 7, Windows 7 Pro or Linux OS
- Ethernet, optional Wireless-N connectivity
- Multiple USB ports, built-in VGA, Powered USB hub
- Mobile POS supports web-based printing and device control from any mobile device
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Receipt printing

Print method	Thermal line printing
Print speed	Up to 300mm/sec (94 lps, {1/8"} conversion)
Print font	9 x 17 / 12 x 24
Column capacity	56 / 42 columns
Character size	0.99 x 2.4mm (W x H) {1.41 x 3.39mm (W x H)}
Barcode	One- and two-dimensional
Paper dimensions	79.5 ± 0.5 x diameter 83.0mm {3.13 ± 0.02 x diameter 3.27"}
Paper thickness	0.06 to 0.09mm
Current consumption	Approx. 1.8 A (mean)
Reliability MTBF	360,000 hours
MCBF	96,000,000 lines

Slip printing

Print method	9-pin serial impact dot matrix
Print speed	Up to 5.7 lps (40 columns, 17.8 cpi)
Print font	5 x 9 / 7 x 9
Column capacity	60 / 45 columns
Character size	1.56 x 3.1mm (W x H) {1.24 x 3.1mm (W x H)}
Paper dimensions	70 to 148 x 150 to 210mm {2.76 to 5.82 x 5.91 to 8.27"}
Paper thickness	0.09 to 0.47mm
Copy capacity	One original & three copies
Inked ribbon	ERC-32B (black)
Ribbon life	4,000,000 characters
Current consumption	Approx. 1.7 A (mean)
Reliability MTBF	180,000 hours
MCBF	29,000,000 lines

Endorsement Printing[1]

Print method	Serial impact dot matrix
Print speed	Up to 4.0 lps
Print font	5 x 7
Column capacity	40 columns
Character size	1.1 x 2.42mm (W x H)
Paper thickness	0.09 to 0.2mm
Copy capacity	One original single-ply & 2 copies
Inked ribbon	ERC-43B (black)
Ribbon life	3,000,000 characters
Current consumption	Approx. 1.7 A (mean)
Reliability MTBF	180,000 hours
MCBF	65,000,000 lines

General printer information

Character set	95 Alphanumeric, 37 International, 128 x 12 Graphic, Simplified and Traditional Chinese
Interfaces	Built-in USB; Connect-It™ including Serial, Powered USB, WiFi, Parallel and Ethernet
Data buffer	45 bytes or 4 KB (up to 384 KB for graphic files)
Supply voltage	24 VDC ± 7%
D.K.D. function	2 drivers
Sensors	Cover open, Top of form, Bottom of form, Slip eject, Roll paper near end, Roll paper end
Factory options	Endorsement printer, validation printer, 58mm width paper guide PG-5811, DM attachment DPR-6000, connector cover OT-CC6000
Overall dimensions	7.32 x 11.42 x 9.69" (W x D x H)
Weight	Approx. 6.4 kg (13.9 lbs)
Color	Epson Black (EBCK)
Environmental standards	WEEE, RoHS compliant
Warranty	Three-year limited warranty

Retail-hardened PC

Processor	Intel® Atom™ processor (1.86GHz)
System memory	4.0GB (DDR3-1066)
Operating system	Windows® Embedded POSReady 7, Windows 7 Pro, or Linux
Hard drive	500GB (SATA HDD)
Interfaces	USB 2.0 x 3, 100 Base-TX/10 Base-T Ethernet-compliant interface, VGA x 1 (D-sub 15pin female), x 1 (3.5mm stereo mini jack) line-out, x 1 DisplayPort, x 1 for cash drawer, x 1 RS-232
	Embedded Powered USB hub with 12 volts supports 3 peripherals

Intelligent software

Software	WebPOS Configuration, ePOS-Device, Preboot Execution Environment (PXE)
Simple web server function	HTTP server (Apache)
Printer control	Can control printing on up to 20 Ethernet interface or TM series printers equipped with a wireless LAN interface

9.69"
11.42"
7.32"

[1] Endorsement printer not available on validation-enabled versions.

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