

Data Sheet

Fujitsu TP8H All-In-One Series

- Interactive and Flexible State-of-the-Art Point-of-Sale Terminal
- Sleek, Ultra-Modern and Highly Serviceable Design (Including external access to storage and memory)
- Modular design delivers field upgradeable LCD (15 inch and 18.5 inch) and PC module

Introduction

The new Fujitsu TP8H All-In-One (AIO) is a state-of-the-art point-of-sale solution for retailers who require flexibility, advanced performance, serviceability, reliability and maximum ROI to create a world-class shopping environment. The compact and stylish design of the TP8H AIO has modern aesthetics that easily blend with a range of retail environments -- from fashionable and sophisticated to extremely rugged. Retailers can appreciate the flexibility of a single product platform that supports multiple in-store touch points, which can reduce installation and service costs, as well as provide fast, easy customer transactions for the ultimate interactive retail shopping experience.

To further enhance aesthetics and security, cables are concealed when using the countertop stand and egress at the bottom of the stand. In addition, an optional metal connector cover adds an even higher level of physical security not available from any other major POS vendor.

Numerous customer-focused applications such as registration, promotions, and loyalty programs can be deployed easily with the TP8H AIO dual customer-facing displays that run independently with high-definition audio.

Increased employee productivity can also be gained with the TP8H AIO, which provides 15" and 18.5" color projected capacitive operator touch screen displays and integrated speakers. These features can be leveraged for employee and service training, as well as customer service assistance that can result in lower helpdesk costs.

Complementing the TP8H AIO is a full set of leading-edge industry standard PoS peripheral options that have gone through extensive compatibility and reliability testing to maximize system scalability and flexibility. This robust peripheral portfolio gives retailers the ability to extend the useful life of their investments through incremental modifications as their business requirements change.

The new Fujitsu TP8H AIO reduces retailers' total cost of ownership through flexibility, outstanding performance and energy efficiency. Incorporating Intel's® Haswell Core™ i5 and Celeron® processors with hardware-assisted remote Active Management Technology (AMT), in-house IT organizations can diagnose and service the terminal themselves, thereby reducing the cost of external service support. Further enhancing superior total cost of ownership is the unique modular design. The LCD and PC modules can be separated, enabling drastically higher levels of serviceability and upgradeability; more than virtually all other major AIO terminals on the market today.

And one last thing: TCO is additionally reduced through the ability to externally access memory and storage media, which dramatically lowers service costs and mean-time to repair the unit.

High Performance and Connectivity:

- Intel® Core™ i5, Celeron® processors
- Integrated Intel® chipsets (Q87 Express)
- High performance, low power consumption, HD graphics
- High-speed Gigabit Ethernet LAN 10/100/1000 Mbps (WoL)
- 12V/24V powered, standard USB and RS232C port



Versatility:

- Sleek contemporary design
- Counter-top and VESA
- Up to three LCD displays running concurrently
- 15" and 18.5" modular PCAP (field upgradeable)
- Open architecture for wide operating system support

Green:

- Processor and LED backlight power-saving modes
- Eco-friendly packaging and minimal documentation
- Efficient power supply supporting multiple peripherals
- WEEE and ROHS compliant

Security and Serviceability:

- Secure data with SSDs or HDDs with RAID
- Remote-management capability (AMT)
- Tool-free and external access for simple integration and fast repair
- One platform, multiple touch points, easy service
- LCD and PC module are field upgradeable for low-cost upgrades and lower service costs

Technical details

General Specifications

Operator Display, Processing Unit	Intel® Celeron®-- i5 CPU options LCD size options: 15" (4x3 aspect ratio), 18.5" (16 x 9 aspect ratio)
Chipset	Intel® Q87 Express, TPM v1.2
Memory	4GB memory in all base models Optional 4GB and 8GB additional modules (up to one additional; 2 slots total) 16GB max supported
BIOS	AMI µEFI BIOS with Remote BIOS Flash
Audio	AC97-compliant high-definition audio
Graphics	Integrated Intel high-definition graphics controller
Connectivity	High-speed Gigabit LAN RJ-45 10/100/1000 Mbps with Wake On LAN
Storage	Standard 1x 2.5" 128GB SATA SSD in base models Optional RAID 1 with second 500GB HDD or 128/256SSD
I/O Ports	2x USB 3.0, 3x USB (12V), 1x USB (24V), 1xRS232 (5 & 12V), 1x DisplayPort, 1x HDMI, 1x cash drawer RJ-12 (Y-cable option for 2nd cash drawer), 1x line out, 1x mic in
System Management	Intel® Active Management Technology (AMT), Desktop Management Interface (DMI), Pre-boot Execution Environment (PXE), Advanced Power Management (APM), Advanced Configuration and Power Interface (ACPI), Wake on LAN (WOL), System Management BIOS, TPM
Color	Black
Dimensions	14.8"(W) x 2.6" (D) x 12.4" (H) /367.6mm (W) x 66mm (D) x 315.8 (H) (width and depth with counter-top base with 15" display; depth is AIO head unit only)
Weight	22 lb / 9.98 kg
Certifications	FCC, RSM, CE, CSA

Base AIO Options

AIO Mounting	Countertop base unit (with connector and cable covers); VESA back panel
Connectivity	Wireless LAN 802.11 a/b/g/n Mini PCIe with Wake On LAN option
Customer LCD	Optional 15" color customer-facing LCD, XGA (1024x768)
Customer VFD	Alpha-numeric (20 digits x 2 lines) 245 (W) x 40 (D) x 100 (H) mm non-integrated pole/remote mount (tilt/swivel)
Printers	Epson® TM-H6000iv, Epson TM-H2000, Epson TM-T88v, Fujitsu CT-11
Keyboards	Fujitsu 133-key keyboards and Fujitsu 110-key keyboards
MSR	3-Track Magnetic Stripe Reader (MSR)
Cash Drawers	Compact and standard

Software

Operating Systems POSReady 7 (32/64bit), Windows® 7 Pro (32/64bit), Windows Server 2008 (32/64bit), Windows8.1, Windows 10 IOT Enterprise, and SUSE® Linux® v11

Green Management

Compliance Standards	WEEE, ROHS
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