

Data Sheet

Fujitsu TP8 Model Axxx All-In-One PoS

The next generation in PoS Technology

- Future-proof performance: Intel® 6th and 7th Generation Processors and the fastest PCIE NVME SSD storage
- The most modular all-in-one PoS terminal, with field swappable LCD (15", 18.5") and PC module
- Super sleek AIO suits any counter on adjustable stand or with built-in VESA pole-mount support
- Highly reliable and serviceable: External access to memory and storage; quick release from stand
- Maximum Flexibility: Common design supports same software image on AIO and modular PoS
- Low TCO over a reliable 10+ years' service life, 5+ Years' make plus extra 5+ Years' service

Introduction

The new Fujitsu *TP8* All-In-One (AIO) PoS terminal is a next generation point-of-sale solution for retailers who want the best performance, functionality, reliability, serviceability, and maximum ROI to create an attractive world-class shopping environment.

The *TP8* Model A6xx with Intel® 6th Generation "Skylake" CPUs, from Celeron® "A610" to Intel® Core™ i5 "A650"; protects investments in Windows® 7 and 8.x environments with migration to Windows 10. The *TP8* Model A7xx with 7th Generation "Kaby Lake" CPUs up to Intel® Core™ i5 "A750", gives maximum Windows 10 performance. With up to 32 GB RAM, options for 2.5" SATA3 heritage drives and the new, ~3x faster M.2 PCIE NVME SSD drives, the *TP8* is a future-proof PoS platform or even a genuine store server. The *TP8* combines leading performance, peripheral and network connectivity in a super sleek package.

The *TP8* PoS is a family of AIO and Modular systems, sharing key parts so the same software image runs on both, for flexible deployment and reduced support costs. The *TP8* is one of the most modular AIOs available, with easily field-swappable LCDs (15", 18.5") and PC module, further reducing support costs and simplifying migration to future modules and technology – all while extending the life of existing components like the LCD.

The sleek and stylish design of the *TP8* AIO has modern aesthetics that easily blend with a full range of retail environments - from fashionable and sophisticated to extremely rugged. The dual-hinge stand enables flat-folding for clean counters, adjustability to suit variable height operators and 150° tilting from vertical to past horizontal for easy cable/connector access, while hiding cables for best aesthetics and security. Retailers want the flexibility of a single platform that supports multiple in-store touch points, reducing installation and service costs, and providing fast, easy customer transactions for the ultimate shopping experience. The *TP8* AIO installs easily on counter-top, pole, wall and in kiosks.

The *TP8* continues the TeamPoS® tradition of superior quality and reliability. Intelligent power management and advanced thermal designs, including blade-server heat-sink and fan, ensure cool reliable operation in the harshest retail conditions. High quality drives protect data and boost uptime, e.g. 1x 2.5" SATA3, or up to 2x M.2 PCIE SSDs with RAID1 mirroring. The *TP8* is easy to service with fast tool-free access to many key parts and a screw-driver to access the rest, e.g. external access to RAM and storage, thumb-screw removal of AIO from stand. Support for Intel® Active



18.5" LCD



15" LCD



Management Technology (AMT), vPro™ and SMBIOS enables remote management by leading enterprise suites.

Customer-focused applications such as registration, promotions, and loyalty programs can be deployed easily with the *TP8* AIO customer-facing display that can be integrated or dispersed for maximum flexibility. Fujitsu offers a full set of leading-edge 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 the *TP8* AIO through incremental modifications as business requirements change.

High Performance and Connectivity:

- Latest Intel® processors, Celeron® to Core™ i5; Q170 chipset
- 32 GB RAM max. 2x high speed DDR4 SO-DIMM
- Up to 2x M.2 PCIe NVME SSD, up to 3x faster than SATA3
- 1" x 2.5" bay for optional SATA3 drive
- Gigabit LAN: Optional WLAN, WWAN (region dependent)
- Peripheral ports: 2x video, 10 USB (6x5V, 3x12V, 1x24V), 1x Serial DB9 0/5/12V, audio, cash drawer

Versatility:

- Sleek contemporary design
- Counter-top and VESA options available
- 15" and 18.5" modular PCap Touch LCD (field swappable)
- Open architecture; wide operating system support

Green:

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

Technical details

Fujitsu recommends Windows.

General Specifications

Processor	Intel® 6th Generation "Skylake" 35W, supporting Windows 7, 8.x and 10: <ul style="list-style-type: none"> ■ A610: Celeron® G3900TE 2.3GHz, 2 core / 2 threads, 2MB, No AMT ■ A650: Intel® Core™ i5-6500TE 2.3-3.3GHz, 4 core / 4 threads, 6MB, AMT and Intel® vPro™ Intel® 7th Generation "Kaby Lake" 35W, supporting Windows 10 only: <ul style="list-style-type: none"> ■ A710: Intel® Celeron® G3930TE 2.5GHz, 2 core / 2 threads, 2MB, No AMT ■ A750: Intel® Core™ i5-7500T 2.7-3.3GHz, 4 core / 4 threads, 6MB, AMT and Intel® vPro™
Chipset	Intel® Q170 Express, Intel Active Management Technology (Intel® AMT v11.6) and Intel® vPro™ on Intel® Core™ i5, TPM v2.0
Operator Display	15" 4:3 and 18.5" 16:9 LCD size options, with Projected Capacitive Multi-Touch Gesturing
Memory	4GB memory in all base models. 32GB max supported; 2 slots total. Optional 4GB, 8GB and 16GB modules
BIOS	AMI µEFI BIOS with Remote BIOS Flash
Audio	TAC97-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 SATA3 SSD in base models Optional: 1x or 2x M.2 PCIe NVME SSD 128 or 256GB w/ RAID 0/1; or 2.5" 500GB SATA3 HDD
I/O Ports	10 USB (4x 5W USB 3.1 gen1, USB2: 2x5V, 3x12V, 1x24V), 1x Serial DB9 0/5/12V, 2x DisplayPort, 1x cash drawer RJ-12 (Y-cable option for 2nd cash drawer), 1x line out, 1x mic in
Power Supply	220W AC Adapter supporting maximum powered peripheral configuration
System Management	Intel Active Management Technology (AMT) and Intel® vPro™, 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 v2.0
Color	Black
Dimensions	14.8"(W) x 2.6" (D) x 12.4" (H) 367.6mm (W) x 67mm (D) x 315.8 (H) (width and depth with counter-top base with 15" display; depth is AIO head unit only)
Weight	24 lb / 10.9 Kg
Certifications	FCC, CSA, RSM, CE (TBD); CCC (TBD), VCCI (TBD)
Green Compliance	WEEE, ROHS
Options	Supports all popular standard retail peripherals
AIO Mounting	Countertop Stand, dual hinge for excellent adjustability, with connector & cable covers. 3rd party VESA stands also
Connectivity	Wireless LAN 802.11 a/b/g/n Mini PCIe Card with Wake On LAN
Customer Display	Optional 15" colour customer-facing LCD, XGA 1024x768. Non-Touch 400cd/m ² , PCap Touch 350cd/m ²
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-H6000, TM-H2000, TM-T88, TM-T70. Fujitsu CT-11, FP-2000
Keyboards	Fujitsu 133-key keyboards and Fujitsu 110-key keyboards
MSR	3-Track Magnetic Stripe Reader (MSR)
Cash Drawers	Standard, Compact and Flip-Top
Software	
Operating Systems	POSReady 7 32/64bit, Windows 7 Pro 32/64bit, Windows 8.1, Windows 10 IoT Ent. 2016 LTSB Value, SUSE® Linux® 12
API's	Supports UPOS 1.14 (OPOS, JPOS) and ESC-POS based applications

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Fujitsu recommends Windows.

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Fujitsu retail solutions

Point-of-Sale Peripherals

Fujitsu offers a full range of peripherals designed for ultimate serviceability and manageability. We've combined user-friendly design with best-of-breed hardware to create the components you need to keep your operations running smoothly.

Point-of-Sale Hardware

Fujitsu point-of-service solutions come in a variety of form factors including compact all-in-one and traditional POS controllers. All are highly configurable to ensure the ideal feature/functionality/price fit for each retailer's unique requirements. TeamPoS® systems meet the demanding needs of today's store operations, from standalone point-of-sale to mission-critical applications.

Self-Checkout Systems

The U-Scan SCO line offers retailers flexibility, scalability, reliability, and usability. Advanced features of U-Scan Genesis® SCO include ATM-style "follow me" LED lighting, and "above scanner" bill and coin accepting/dispensing. U-Scan Mini-Express and Fujitsu Impulse™ stations offer sleek design, smaller footprint, card-only options.

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Fujitsu green policy innovation

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