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
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 TP8 Model Axxx All-In-One PoS

General Specifications

Processor
Intel® 6th Generation “Skylake” 35W, supporting Windows 7, 8.x and 10:
- 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:
- 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
Counter top 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/m², PCap Touch 350cd/m²

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

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 LTSC Value, SUSE® Linux® 12

API’s
Supports UPoS 1.14 (OPos, JPPos) and ESC-POS based applications

Fujitsu recommends Windows.
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Computing products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

To learn more about Fujitsu TP8 Model Axxx All-In-One PoS, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

http://solutions.us.fujitsu.com/

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