

Datasheet

TP-X II Coupé Models 510, 520, 530 & 550

Point of Sale Terminal Controllers

- High performance compact system with dual discs, dual screen and flexible powered USB ports

Introduction

The Fujitsu TP-X II Coupé Model 5xx Point of Sale (PoS) control unit is a compact version of the Standard TP-X II Model 5xx with a 40% reduction in volume. It is based on the same motherboard and provides a similar level of connectivity. With dimensions of just 275mm Wide x 280mm Deep and 95mm High, it can easily be installed in the most challenging environments all around the store.

Incorporating Intel's® 2nd Generation Core™ i3, i5, Pentium and Celeron processors with hardware assisted AMT Remote Management Technology to minimise service visits, the TP-X II Model 520, 530 and 550 provide a retail-hardened multi-function control unit delivering high-performance, excellent graphics, low power consumption and cool running for enhanced reliability.

With a comprehensive selection of powered and non-powered ports, the new TP-X II models can be deployed in the most demanding situations. A 270W high-efficiency power supply enables a full complement of peripherals to be directly powered from the control unit, simplifying installation and reducing the need for multiple power outlets.

The optional second hard disc and integrated RAID controller enables the TP-X II to be configured as a resilient server supporting multiple applications and client terminals. Additionally, with support for dual screens and high-definition audio, this single platform can be deployed in multiple roles, such as on a service desk, powering digital media, or in a kiosk so as to reduce installation and support costs.

Complementing the TP-X II Coupé control unit are a full range of Fujitsu and OEM retail peripherals which may be installed in a dispersed or stacked configuration.

The TP-X II Coupé Models 510, 520, 530 and 550 provide retailers with a range of energy saving solutions to reduced power consumption, heat and costs. In addition to power saving measures, the Fujitsu TP-X II control unit conforms to the Fujitsu Super Green programme utilising high quality green materials and components all conforming to the RoHS and WEEE standards.



High Performance and Connectivity

- Intel® 2nd Generation Core™ i3, i5, Pentium™ G850 and Celeron™ G540 processor options all with AMT remote management
- Powered USB with 12V and 24V plus standard USB
- Legacy RS232c serial ports with power

Green

- Low power consumption and heat output
- High-efficiency power supply for PC and peripherals
- Extended life-cycle

Versatility

- Compact footprint 275mm (W) x 280 mm (D) x 95 mm (H)
- Dual independent Touchscreens
- One or two disc drives with integrated RAID 0/1
- DVD R/W option

Serviceability

- Full remote management capability
- Service-friendly case with tool-less access
- Extended spare part supply
- Country-specific warranty

Technical Details

TP-X II COUPÉ MODELS 510, 520, 530 550 POS CONTROLLERS

General Specifications		Base AIO Options	
Processor	Intel® 2nd Generation Core™, 32nm Embedded Series LGA 1155 socket Model 510: Celeron G540, 2.5GHz Dual Core, 2MB L2 Cache (AMT "Standard" support) Model 520: Pentium G850, 2.9GHz Dual Core, 3MB L2 Cache (AMT "Standard" support) Model 530: i3-2120, 3.3GHz Dual Core 3MB L2 Cache (AMT "Standard" support) Model 550: i5-2400, 3.1GHz Quad Core 6MB L2 Cache (AMT v7 support / vPro compliant)	Standard ports	3x Standard USB on rear 3x Powered USB on rear (+5V & +12V) 1x Powered USB on rear (+5V & +24V) for Printer 4x additional USB ports available as headers on motherboard 2x Unpowered RS232c (One available on header only with optional connector on PCI blanking plate) 1x PS/2 for Keyboard (and Mouse with Y cable option) 1x Audio Out 1x Line In
Chipset	Intel Q67 PCH	Optional ports (A & C)	Select Option A 2x Powered RS232 (+5V or +12V) 2x Powered RS232 (+5V and +24V) and / or Option C 3x Powered USB (+5V & +12V) provided via connector on motherboard adjacent to PCI32 slot
Memory	2x DDR3 1,333MHz, 244 pin DIMM modules 2GB standard, Maximum 8GB	Cash Drawer Port	Cash Drawer Port: 1x 6-pin RJ11 connector +24V pulse with drawer open sense Up to 2x cash drawers can be supported
BIOS	AMI µEFI BIOS with Remote BIOS Flash AMT v7 support	Graphics	1 x VGA (15 pin), 1x DisplayPort v1.2 (20 pin)
Expansion slots	1x low profile PCI32 slot	LAN / WLAN	RJ-45 port with indicator lights
Graphics	Integrated Q67 PCH HD Graphics controller Dual independent screen support with 1x VGA + 1x DisplayPort ports (VGA/DVI interface can be facilitated via optional adaptors) Resolution up to 2048 x 1536 on each port. Support for 1080p video	Software	
LAN	Intel 82579 Gb controller 10/100/1000 Mbps Ethernet	Operating Systems	Microsoft Windows XP SP3, Windows 7, Embedded POSReady 2009, POSReady 7, SUSE Linux for Point of Service v11
Audio	HD Codec with Line In and Line Out	Specialist Drivers	OPOS
Discs	4x SATA ports with SATA II - 300 connectors 1x 160GB 2.5 inch HDD standard, 2nd disc optional Integrated RAID 1/0 support SSD Option	Information about environmental care, policies, programs and our Environmental Guideline FSC03230: ts.fujitsu.com/aboutus Take back and Recycling information: ts.fujitsu.com/recycling	
Optical drives	1x DVD / CD R/W SATA (Optional)		
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		
Power Supply	270W, 80%+ efficient Energy Star Compliant, 100/240V AC input		
Case Size	275 mm (W) x 280 mm (D) x 95 mm (H)		
Environmental	Operating Temperature 0° to 40° Centigrade		