



Transaction. Interaction. Convergence.™

Countertop



SPC5

A versatile and reliable terminal for retail POS environments

Easy to use

Colour screen and intuitive keyboard

Flexible configuration

Operates as standalone or as part of a POS solution

Reliable and robust

Designed to meet the demands of a mobile environment

Development toolkit

Open platform (Linux) with flexibility for third parties to develop PtOS applications

Safe and secure payment

Certified to the industry's latest security standards

SPc5

Processor	32-bit, 266MHz high-performance secure ARM CPU, and optional 400MHz	Accessories	Privacy shield • Monocable (optional)
Memory	128MB Flash • 64MB DDRAM	Card Readers	
SAM	2 (conforming to ISO7816)	<i>Smart Card</i>	ISO 7816 1.8V, 3V, 5V synchronous & asynchronous T=0 and T=1 • 500,000 insertions
Display	Graphical colour/Touchscreen 320 x 240 pixels TFT-LCD 2.4" with backlight • Signature capture	<i>Magstripe</i>	ISO1/2/3 track bidirectional, hi-coercivity 600,000 swipes
Keyboard	12 alphanumeric keys • 3 navigation keys 3 function keys • on/off key	<i>Contactless</i>	ISO 14443 Type A/B • NFC
Audio	Buzzer (programmable span, volume & frequency)	Connectivity	Synchronous / Asynchronous high-speed dial-up modem • Ethernet • 2 x RS232 • USB GPRS • Wi-Fi
Printer	Easy paper-loading • High-speed thermal Graphic • Barcode printing • Up to 34 lines per second • 50mm diameter paper roll	Operating System	Linux open platform
Power supply	Plugtop AC: 100–240V, 50/60Hz	Development	Application Development Toolkit using C & C+
Environmental	Operating temperature -10 °C to +55 °C Storage temperature -20 °C to +70 °C	Environment Inspire™	Multiplatform IDE, industry standard GCC/C++ compilers • SDK libraries providing POS specific functions
Dimensions/ Weight	192 mm (L) x 81 mm (W) x 61 mm (H) 360 g	Encryption	3DES, Master/Session key, DUKPT, RSA, AES
Customization	On screen • Printer lid	Certifications	PCI PTS 4.x SRED • EMV Level 1 & 2 EMV L1 Contactless • PayPass, PayWave, ExpressPay • CE • RoHS • TQM • UKCC



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