



# SATURN 7000



Cedar Silicon's newly designed SATURN7000 next generation mobile device offers unsurpassed multifunctional capabilities and optimizes the checkout process for your business. It comes with several powerful features including 4G LTE, Wi-Fi, Bluetooth, front and rear camera, barcode reader, and a range of accessories.

The SATURN7000 is based on a PCI PTS 5.x certified secure Android platform and offers integrated Contact/Contactless chip reader, MSR with a 7" capacitive touchscreen.

The device is extremely easy to use, safe and secure product for customers seeking an advanced next generation payment device.

- Secure Android Platform
- 7" Color Touch Screen
- Rear Camera
- Barcode Scanner
- 4G LTE, Wi-Fi, Bluetooth

[www.cedarsilicon.com](http://www.cedarsilicon.com)





# FEATURES & BENEFITS



## Unprecedented Security and Certifications

- PCI PTS 5.x
- EMV Contact/ Contactless Lv1
- EMV Contact Lv2
- Contactless Scheme Certifications (Paypass, Paywave, ExpressPay, D-PAS, J-Speedy, QPBOC...)



## Incredibly Adaptable

- Accepts all payment types
- Flexible to integrate business applications
- Able to connect with either printer docking and charging cradle.



## Exceptional Performance

- High Security Processor
- Operable under extreme conditions
- Android open architecture OS

# SATURN 7000

## SPECIFICATIONS

SPECIFICATIONS			SATURN 7000
Processor			High Speed Quad-Core Processor plus Secure MCU
Memory	Flash/RAM		16GB/1GB (Up to 16GB/2GB)
	Micro-SD Socket		Yes
Display			7” Color TFTLCD with Capacitive Touch Panel   1280 x 800 Pixels
Card Reader	Magnetic Stripe		ISO 7810, 7811, 7813 Triple Track, Bi-Directional
	Contact Card	User Card	ISO 7816 ID-1 1.8V/3V/5V T=0, T=1
		SAM Card	2
		SIM Card	1
	Contactless (Optional)		ISO 14443 Type A, B   ISO 18092 NFC   MiFare and Sony FeliCa Working Frequency 13.56MHz
Communications Interface Options	Wireless		4G LTE   Wi-Fi   Bluetooth
Indicators	Audio		Speaker   Microphone   Audio Jack
Keypad			Virtual Keypad (Support PIN on Touch)
Software			SDK   KMS   TMS   GDB   CTOS library ISO 8583 library   Crypto library
Crypto			TRNG   DES   T’DES   AES   RSA   MK/SK   DUKPT
Power Supply	DC		Adaptor DC 5V/2A (Micro USB)
	Battery		Rechargeable Battery 3.8V / 4800 mAh (replaceable )
Dimensions (mm)			226(W) x 116(D) x 25(H)
Environment	Operating Temperature		0°C to 50°C
	Storage Temperature		-20°C to 70°C
	Operating Humidity		5% to 90% non-condensing
	Storage Humidity		5% to 90% non-condensing
Certification			PCI PTS 5.X   EMV L1/L2   payWave   PayPass   ExperssPay D-PAS   Interac Flash   J-Speedy   UnionPay UICS   TQM PBOC L1/L2
Optional Additional Features			Stand   Printer   Charging Cradle   Barcode Reader

