

# 9600 series

## Industrial Mobile Computer



	9600	9670	9680	9690
Performance	Operating system	Microsoft® Windows® CE 6.0 Professional R2		
	CPU	Marvell PXA270@ 520 MHz		
	Memory	1GB Flash ROM / 128MB SDRAM		
	Expansion	micro SD slot with SDHC support		
	Operating power	Rechargeable 3.7V 2700 mAh Li-ion battery		
		Adapter: AC 110V / 220V input, DC 5V / 3 A		
	Working hours <sup>1</sup>	12 hours batch mode / 10 hours WLAN mode / 10 hours GSM talk time		
	Backup power	3.7V 80 mAh lithium battery Data retained for 24 hours minimum without main battery		
Alerts	Audio speaker / Buzzer / Vibrator / Tri-color LEDs			
Wireless communication	WLAN 300m line of sight <sup>2</sup>	--	IEEE 802.11 b/g Cisco® CCX V4	--
	WLAN Security	--	EAP, WEP, WPA(PSK,TKIP), WPA2(AES, PSK), 802.1X	--
	WPAN	BT V2.0 + EDR Class 2		
	Bluetooth® profile	FTP, SPP, DUN, HFP/HSP, HID keyboard, PAN, OPP		
	WWAN <sup>3</sup>	--	GSM/GPRS/EDGE Quad-band	
	GPS <sup>4</sup>	GPS SiRFstar III, integrated GPS antenna		
Data capture	Barcode scanning	Linear imager <sup>4</sup> / Laser / 2D imager		
	RFID <sup>4</sup> read/write	13.56 MHz frequency Supported tags: ISO 14443A, ISO 14443B, ISO 15693		
	Digital camera	2 megapixels CMOS with LED flash		
Physical characteristics	Display	3.5" QVGA or VGA, 65k colors, TFT Transflective Touch LCD Sun Light readable		
	Keypad	29 numeric or QWERTY keys LED backlit keys		
	LED	Green, red, blue tri-color		
	Size (LxWxH)	170 × 90 × 38 mm / 6.7 × 3.5 × 1.5 in.		
	Weight	400 g / 14.1 oz. configuration dependent		
User environment	Temperature	operating: -10° to 50°C / 14° to 122°F storage: -20° to 60°C / -4° to 140°F		
	Humidity	5% to 95% non-condensing		
	Impact resistance	Multiple 1.5 m / 5 ft. drops onto concrete, 5 drops/face 1,000 tumbles at 100 cm IP64		
	Electrostatic discharge	±15 kV air discharge / ±8 kV direct discharge		
	Regulatory <sup>5</sup>	BSMI, CE, C-Tick, FCC, IC, MII, NCC, SRMC, CCC		
Development support	CipherLab C++/.NET DLL, 9600 SDK to support Microsoft® Visual Studio 2005, Microsoft® Visual Studio 2008			
Application software	Application Manager, Backup Utility, Reader Configuration Utility, FORGE Batch Application Generator, MIRROR Browser and Terminal Emulator, Naurtech CETerm, SOTI® MobiControl			
Cradles	Charging and communication cradle / Ethernet cradle / Vehicle cradle			
Accessories	4-slot battery charger, vehicle charger, belt holster, protective cover, pistol grip, hand strap, rechargeable battery pack			
Warranty	1 year			

- Working hours for batch and WLAN are based on one standard laser scan per five seconds with backlight on. The working time for GSM mode is based on continuous talking.
- Effective coverage depends on user environment and equipment deployment. It is highly recommended to conduct a site survey before actual deployment.
- The mobile computer has received general telecommunication certification. Please check with your local carrier for the optimum operating efficiency.
- GPS cannot be used with RFID and linear imager scanning due to hardware limitation.
- For countries outside USA, Canada, European Economic Area, Australia, Taiwan, and China, consult your local CipherLab representative.

### ACCESSORIES



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