

SPECIFICATIONS

# 9600 series

## Industrial Mobile Computer



		9600	9670	9680	9690
<b>Performance</b>	Operating system	Microsoft® Windows® CE 6.0			
	CPU	XScale™ PXA270 @ 520 MHz			
	Memory	1GB Flash ROM / 128MB SDRAM			
	Expansion	microSD slot for up to 16GB			
	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				
<b>Wireless communication</b>	WLAN 300 m line of sight <sup>2</sup>	--	IEEE 802.11 b/g Cisco® CCX V4	--	IEEE 802.11 b/g Cisco® CCX V4
	WLAN Security	--	EAP, WEP, WPA(PSK,TKIP), WPA2(AES, PSK), 802.1X	--	EAP, WEP, WPA(PSK,TKIP), WPA2(AES, PSK), 802.1X
	WPAN	BT Class 2 compliance			
	WWAN	--	GSM/GPRS/EDGE Quad-band		
	GPS <sup>4</sup>	GPS SiRFstar III, integrated GPS antenna			
<b>Data capture</b>	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			
<b>Physical characteristics</b>	Display	3.5" color VGA or QVGA, TFT transfective, touch screen, LED backlit			
	Keypad	29 numeric keys LED backlit keys			
	LED	Green, red, blue tri-color			
	Size L x W x H Weight	170 x 90 x 38 mm / 6.7 x 3.5 x 1.5 in. 400 g / 14.1 oz. configuration dependent			
<b>User environment</b>	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>3</sup>	BSMI, CE, C-Tick, FCC, IC, MII, NCC, SRMC, CCC			
<b>Development support</b>	CipherLab C++/.NET DLL, 9600 SDK to support Microsoft® Visual Studio 2005, Microsoft® Visual Studio 2008				
<b>Application software</b>	Application Manager, Backup Utility, Reader Configuration Utility, FORGE Batch Application Generator, MIRROR Browser and Terminal Emulator, Naurtech CETerm Browser and Terminal Emulator, SOTI® MobiControl				
<b>Cradles</b>	USB and RS232 cradle / Ethernet cradle / Vehicle cradle				
<b>Accessories</b>	4-slot battery charger, vehicle charger, belt holster, protective cover, pistol grip, hand strap, rechargeable battery pack				
<b>Warranty</b>	1 year				

<sup>1</sup> 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.  
<sup>2</sup> Effective coverage depends on user environment and equipment deployment. It is highly recommended to conduct a site survey before actual deployment.  
<sup>3</sup> For countries outside USA, Canada, European Economic Area, Australia, Taiwan, and China, consult your local CipherLab representative.  
<sup>4</sup> GPS cannot be used with RFID and linear imager scanning due to hardware limitation.

### ACCESSORIES



Charging and Communication Cradle



Protective Cover



Pistol Grip



Belt Holster



Vehicle Cradle



Vehicle Charger



4-Slot Battery Charger

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