

SPECIFICATIONS

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 up to 16GB			
	Operating power	Rechargeable 3.7V 2700 mAh Li-ion battery			
		Adapter: AC 110V / 220V input, DC 5V / 3 A			
	Working hours ¹	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			
Wireless communication	Alerts	Audio speaker / Buzzer / Vibrator / Tri-color LEDs			
	WLAN 300 m line of sight ²	--	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 V2.0 + EDR Class 2			
	BT profile	FTP, SPP, DUN, HFP/HSP, HID keyboard, PAN, OPP			
	WWAN	--	GSM/GPRS/EDGE Quad-band		
	GPS ⁴	GPS SiRFstar III, integrated GPS antenna			
	Data capture	Barcode scanning	Linear imager ⁴ / Laser / 2D imager		
RFID ⁴ 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 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			
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 ³	BSMI, CE, C-Tick, FCC, IC, MII, NCC, SRMC, CCC				
Development support	CiperLab 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	USB and RS232 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				

¹ 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.

² Effective coverage depends on user environment and equipment deployment. It is highly recommended to conduct a site survey before actual deployment.

³ For countries outside USA, Canada, European Economic Area, Australia, Taiwan, and China, consult your local CiperLab representative.

⁴ 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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