CP55 series
Industrial Mobile Computer

Performance	Operating System	Windows® Embedded Compact 7, Windows® Embedded Handheld 6.5.3
	CPU	TI OMAP™ 4 Processors 4430 1GHz Dual Core
	Memory	4GB Flash / 512MB LPDDR2 SDRAM
	Expansion	Micro SD card slot (up to 32GB)
	Operating power	Rechargeable 3.7V 3300 mAh Li-ion battery
	Working hours[1]	10 hours
	Alert	Tri-color LEDs, vibrator, speaker
	Interface supported	USB OTG, RS232, and battery Charging
Wireless communication	WWAN	GSM / GPRS / EDGE / WCDMA / HSDPA / HSUPA GSM/GPRS/EDGE: 850/900/1800/1900 ; UMTS/HSDPA/HSUPA: 850/1900/2100
	WLAN	IEEE 802.11 a/b/g/n
	WLAN security	WPA (PSK), WPA2 (PSK), WEP, TKIP, AES, EAP (EAP-MD5 CHAP), EAP-TLS, PEAP
	WPAN	*Bluetooth*® Class II, V2.1 with Enhanced Data Rate (EDR)
	Bluetooth® profile	GAP, SDP, GOEP, SPP, OPP, PAN, HID , HSP , HFP, FTP
	GPS	Integrated with A-GPS ready and external antenna connector
Data capture	Barcode scanning	Linear imager / Laser / Long range laser / 2D imager (support low contrast barcode)
	RFID read / write	HF RFID 13.56 MHz frequency, support ISO14443A, ISO14443B, and ISO15693 and with SAM slots
	Camera	5 megapixels CMOS with LED flash and autofocus
Physical characteristics	Display	3.5" 480 (W) x 640 (H) VGA / 240 (W) x 320 (H) QVGA transflective TFT color LCD with LED backlight
	Keypad	Numeric or QWERTY keypad with LED backlight
	Size (LxWxH)	182 x 77.5 x 37 mm / 7.17 x 3.05 x 1.46 in.
	Weight (laser including battery)	400g / 14.1 oz. configuration dependent
	Operating temperature	-20°C to 50°C / -4°F to 122°F
	Storage temperature	-30°C to 70°C / -22°F to 158°F (w/o battery)
	Humidity (non-condensed)	Operating 10% to 90% / Storage 5% to 95%
User environment	Impact resistance	SGS certified 1.5 m (5 ft.) multiple drops onto concrete, 5 drops on each side / IP65 / 1000 tumbles at 0.5 m
	Electrostatic discharge	± 15 kV air discharge, ± 8 kV contact discharge
	EMC regulation	CE, RoHS, REACH, WEEE, ErP, BSMI, NCC, SRMC, MII, CCC, RCM (only for the configuration without 3G)
Development support		Cipherlab C++ / .NET, SDK to support Microsoft® Visual Studio 2008
Application software		App-Lock, Button Assignment, GPS Viewer,Push-to-talk, Reader Configuration, Signature Capture, Terminal Emulation, CipherLab MIRROR Browser, Kalipso Mobile Application Generator, Naurtech CETerm, SOTI MobiControl, CipherLab MIRROR Browser
Accessories		Charging and communication cradle, snap-on vehicle cradle, snap-on cable (USB/RS232), snap-on vehicle charger, 4 slot battery charger, pistol grip, protective cover, belt holster with shoulder strap
Warranty		1 year

1. Minimum 10 hours under WLAN and laser scanning per 20 seconds, LCD 50% backlight and speaker on (volume is default) at 25°C, RFID off / *Bluetooth*® off / IEEE 802.11 a/b/g/n on.
The test is based on one braodcasting packet per second.
2. The mobile computer has received general telecommunication certification for data communication. Please check with your local carrier for the optimum operating efficiency.

ACCESSORIES

| Charging and communication cradle | 4-slot battery charger | Snap-on cable | Snap-on vehicle charger | Snap-on vehicle cradle | Pistol grip | Protective cover | Belt holster with shoulder strap |

HEADQUARTERS

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