BARCODE CONNEXIONS

Newland
PT30 Omura

Windows mobile computer

Powerful scanning performance.

With the PT30 Omura, you can count on a high performance 1D/2D scan engine. The scan engine is patented by Newland and delivers fast and accurate scanning of a wide variety of barcodes.

Excellent value for money.

This affordable mobile computer gives you the features you need for everyday use. It runs on Microsoft Windows CE.NET 6.0 and has a PXA310 806MHz CPU. Armed with 256MB RAM and 4GB flash memory, the device provides the power to support the most demanding applications.

Ergonomic and durable design.

The ergonomic design of the PT30 Omura optimises single-handed use and brings all day comfort to your operations. With a 1.2 drop rating the device keeps on working despite inevitable knocks and bumps, while a sealing of IP54 protects it from dust and moisture.

Reliable wireless connectivity.

With 802.11 b/g Wifi and Bluetooth, The PT30 Omura provides your workforce with the mobility and connection they need to work fast and fuss-free.

Extended battery life.

The PT30 Omura is equipped with a 3500mAh battery that provides up to 11 hours of life on the go.

Current models released.

PT3051-3A-C:	1D CCD + cradle
PT3051-2A-C:	2D CMOS + cradle
PT3051-0A-C:	1D Laser + cradle

Applications

Suitable for indoor applications • warehouse management • retail management • food traceability • distributor management • manufacturing management • electricity meter reading • inventory

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Technical Specification

Performance	Processor		Marvell XScale PXA310, 806MHz CPU
	Operating System		Microsoft Windows CE.NET 6.0
	Memory		256MB RAM
			128MB ROM
			4GB flash memory for user storage
	Interface		Mini USB 2.0, supports USB charging
Physical	Dimensions		189.5 (L) ×76(W) ×45(H) mm (7.5 x 3 x 1.7 inch)
	Weight		382g (including battery)
	Display		2.83" QVGA with backlight TFT Touch screen LCD
	Keypad		30 keys with backlight
	Notification		Vibrator, speaker and multi-color LEDs
	Battery	Main	3.7V, 3500mAh rechargeable Li-Polymer battery
		Backup	3.7V, 150mAh rechargeable Li-Polymer battery (supports 50-hour data backup)
	Expected Battery Life		11 hours
	Expected Charge Time		3.5 hours (charge via AC adapter)
	Expansion		MicroSD card slot
	AC Adapter		Output: DC5V, 1.5A; Input: AC100~240V, 50~60Hz
Environmental	Operating Temperature		-10℃ ~ 50℃ (14℉ ~ 122℉)
	Storage Temperature		-20℃ ~ 60℃ (-4℉ ~ 140℉)
	Humidity		5%~95% (non-condensing)
	Static Discharge		±15 kV (Air discharge), ±8 kV (Direct discharge)
	Drop		1.2m drops to concrete
	Sealing		IP54
Barcode Scanning	1D Barcode	CCD (≥4mil) Laser (≥4mil) (optional)	Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN/ISSN, Code 93, etc.
	2D Barcode	CMOS(≥5mil)	All 1D symbologies above, PDF417, QR Code, Data Matrix, Maxicode, Aztec, etc.
Wireless	WLAN		802.11 b/g, security supports EAP, WEP, WPA, WPA2, 802.1X
	WPAN		Bluetooth Class II V2.0
Certifications			FCC Part15 Class B, CE EMC Class B, CCC
Accessories			Battery, AC adapter, USB cable, stylus

Specifications are subject to change without notice.

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