



**PT30  
Omura**  
mobile  
computer



## FEATURES

### 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.

### 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.

### Ergonomic and durable design.

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

### Current models released.

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

## Application Scenarios

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

<b>Performance</b>	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			
<b>Physical</b>	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		
	<b>Environmental</b>	Operating Temperature		-10°C ~ 50°C (14°F ~ 122°F)	
		Storage Temperature		-20°C ~ 60°C (-4°F ~ 140°F)	
		Humidity		5%~95% (non-condensing)	
		Static Discharge		±15 kV (Air discharge), ±8 kV (Direct discharge)	
Drop		1.2m drops to concrete			
Sealing		IP54			
<b>Barcode Scanning</b>	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.		
<b>Wireless</b>	WLAN		802.11 b/g, security supports EAP, WEP, WPA, WPA2, 802.1X		
	WPAN		Bluetooth Class II V2.0		
<b>Certifications</b>			FCC Part15 Class B, CE EMC Class B, CCC		
<b>Accessories</b>			Battery, AC adapter, USB cable, stylus		

Specifications are subject to change without notice.

Version: V3.0

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