

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.

PT3050-3A: Linear Imager + Wifi.

PT3050-2A: 2D area Imager + Wifi.

Application Scenarios

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

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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°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		
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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Newland EMEA HQ
+31 (0) 345 87 00 33
info@newland-id.com

Newland D-A-CH
+49 (0) 6182 82916-16
info@newland-id.de

Newland France
+31 (0) 345 87 00 33
france@newland-id.com

Newland Benelux
+31 (0) 345 87 00 33
benelux@newland-id.com

Newland Ibérica
+34 (0) 93 303 74 66
info@newland-id.es

Newland Italy
+39 (0) 342 056 2227
italy@newland-id.com

Newland Nordic & Baltic
+46 (0) 708 847 767
nordic@newland-id.com

Newland UK
+44 (0) 1442 212 020
sales@newland-id.co.uk

Newland Russia
+31 (0) 345 87 00 33
russia@newland-id.com

Newland South Africa
+27 (0) 11 553 8010
info@newland-id.co.za

Newland Middle East
+31 (0) 345 87 00 33
middleeast@newland-id.com

Newland Turkey & Iran
+90 (0) 544 538 40 49
turkey@newland-id.com
iran@newland-id.com