

PM40

IN-POCKET YET RIGID MOBILE COMPUTER

Optimize mobility and Versatile on every type of working process

Small form factor with 2.8" screen and light weight 200g makes easy to carry and keep in the pocket and gives much less stress on wrist. You can choose either standard battery or extended battery with field replaceable feature in order to maximize full time work process and, thru built-in standard USB port, you can charge its battery at anytime and anywhere.

Maximize power and speed with latest micro processor

Adopting latest Cortex A8 @ 1Ghz processor from TI (Texas Instrument), PM40 will give you maximum power and speed for your field workforces to conduct any complicated job process in the field. PM40 has 512MB RAM memory and 1GB Flash ROM which is enough to run a heavy embedded application with big storage for data base and user processing data.

Experience fast & stable wireless communication technologies

3.9G WWAN HSPA+ supports up to 5.76Mbps @ uplink and 14.4Mbps @ downlink. GPS assisted by WWAN carriers provides you visibility of your workforce location fast and accurately. Wireless LAN supports IEEE 802.11 a/b/g/n with speed up to 72.2Mbps under both 2.4Ghz and 5Ghz frequency band.

Enjoy fast barcode scanning and high resolution camera

You can select either a laser scanner or an imager scanner as built-in option. Laser scanner supports all standard 1D symbologies. The imager has laser aimer for easy aiming and can read all standard 1D/2D barcode symbologies and GS1 Databar. You can also have great benefit for reading poor-printed and damaged barcodes. Unbeatable 5.0 mega pixel camera provides high resolution picture and video to help you free from any possible disputes with customers due to damaged items at the site.












Robust & rugged spec keep your TCO low and minimize down-time

PM40 is designed from the ground up for rugged applications with IP65 water/dust proof sealing, 1.5m (5 ft) repeated drops to concrete, and wide operating temperature range the PM40 stands up to most any demanding application.

Your field sales and field services are the daily frontline of your valuable customers when you get order from your customers, deliver goods to your customers and do repair & maintenance at the field. Depending on how well perform their jobs accurately, efficiently and fast, it will direct impact your sales revenue and customer satisfaction to determine keeping your valuable customers or losing.

PM40 gives you the satisfaction at the point of both your budget and ease-to-carry. Despite powerful features such as 3.9G WWAN, wireless LAN, GPS, 5MP Camera and robust spec beyond market expectation, you can yet enjoy small form factor that can fit into your pocket and single-hand operation, which provides maximum benefit when your workforces need to carry items the other hand.



 Cortex 1Ghz	 512MB/1GB	WINDOWS MOBILE 6.5	 3G HSPA+	 802.11 a/b/g/n	 LASER
 IMAGER	 5M CAMERA	 BLUETOOTH	 Built-in GPS	 IP65	 1.5M (5ft)

Compatible Utilities



Power Launcher

Technical Specifications

Physical characteristics

Dimensions: 135.5 x 67 x 19.8mm (5.3 x 2.6 x 0.7 in)
Weight: 200g (7.0oz) with standard battery
238g (8.3oz) with extended battery

Environmental

Operating: -20°C to 60°C (-4°F to 140°F)
Storage: -40°C to 70°C (-40°F to 158°F)
Relative Humidity: Non-condensing, 95%
Rain & Dust Proof: IP65
Drop Spec: 1.5m (5 ft) per MIL-STD 810G
Tumble Spec: 500cycle (1,000hit) @ 1m (3.3ft)
ESD: +/- 15 kV air, +/- 8 kV contact

Power

Standard & Extended Battery : 1,800mAh / 3,600mAh
IEEE 1725 Compliant, Li-Ion, removable, rechargeable

Operating System

Windows Embedded Handheld 6.5 Professional

Micro-Processor

TI - Cortex A8 Processor @ 1Ghz

Memory and Storage

Memory: 512MB RAM
ROM: 1GB NAND Flash ROM
User-accessible micro-SD cards up to 32GB SDHC

Display

2.8 in, 240 x 320 pixel (QVGA) TFT-LCD,
65K colors, LED backlight, Touch Screen

Standard Communications

Full speed USB 2.0 from either cradle or
USB sync cable

Integrated Camera

5.0 MP Auto focus camera with LED Flash

Keypad Options

Numeric (25 key) with backlight

Wireless WWAN

UMTS Frequencies: 800, 900, 1900, 2100Mhz
GSM/GPRS Frequencies: 850, 900, 1800, 1900Mhz
Technology Class UMTS: 3.9G HSPA+
Max speeds: Uplink-5.76 Mbps;Downlink-14.4 Mbps
Antenna: Internal

Wireless LAN

IEEE 802.11 a/b/g/n Data rates: up to 72.2Mbps
Operating channels: 1 to 13 (2.4Ghz & 5Ghz)
Regulatory compliance: As per IEEE 802.11n
Security: WEP/WPA/WPA2 and more
Authentication: PEAP/MS-CHAPv2, EAP-TLS

Wireless PAN

Integrated Bluetooth Class II, Ver.2.1+EDR
Operating channels: 0 to 78 (2402-2480 Mhz)
Data Rates: 1, 2, 3 Mbps

Accelerometer

Embedded accelerometer enables automatic or
application-specific "screen rotation"

Global Positioning System

12 channel integrated GPS: assisted via WAN carrier:
accuracy within 3m, Stand-alone GPS available

Ambient Light Sensor

Automatically adjust required display backlight to
maximize battery life

Integrated Barcode Scanner

1D Laser Scanner; supprting all 1D standard
symbology & Postal code
2D Imager Scanner: supporting all 1D/2D
standard Symbology including GS1 Databar

LED Indicator and Scan Alert

Indicator: 2 x dual color LEDs on front:
1) Power, 2)Warning, 3)Scan reading
Scan Alert:Vibration

Audio Support

Supports VoIP, Built-in microphone and speaker,
receiver and headset jack (3.5mm),
Wireless Bluetooth headset support

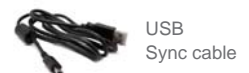
Accessories

Standard accessories: AC/DC power adaptor &
country plug, Stylus pen & tether, Hand strap,
Battery, LCD protection film, USB sync cable
Optional accessories: Single-slot cradle,
Extended battery, 4-slot cradle, 4-slot battery charger

Regulatory Approvals and Compliance

Safety: EMC, UL, RF, Laser, LED approvals
Radio: FCC, CE, KCC Marks
Environmental: RoHS & WEEE compliant

Standard accessories



Optional accessories



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