POINT Mobile

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 rain/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.

TI Cortex 1GHz	**RAM/ROM** 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

POINT Mobile

Power Launcher

PM40

PHYSICAL CHARACTERISTICS

Dimensions
With standard batt. 135.5mm L x 67mm W x 19.8mm D
5.3in L x 2.6in W x 0.7in D

Weight
With standard batt. 200g / 7.0oz
With extended batt. 238g / 8.3oz

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

Power
Standard Battery	1,800mAh Li-ion rechargeable IEEE 1725 Compliant, removable
Extended Battery	3,600mAh Li-ion rechargeable IEEE 1725 Compliant, removable

Keypad
Numeric (25 key) with backlight

Audio Support
Supports VoIP
Built-in microphone and speaker
Receiver and headset jack (3.5mm)
Wireless Bluetooth Headset support

Standard Communications
Full speed USB 2.0 from either cradle or USB sync cable

Notification
Front	2 x dual color LEDs for Power indication, Warning indication & scan reading
Scan Alert	Vibration

PERFORMANCE CHARACTERISTICS

Main-Processor
TI - Cortex A8 Processor @ 1GHz

Operating System
Windows Embedded Handheld 6.5 Professional

Memory and Storage
RAM	512MB
ROM (NAND Flash)	1GB
Micro-SD	Micro-SD card slot up to 32GB SDHC

Sensor
Accelerometer
Ambient Light

USER ENVIRONMENT

Operating Temperature
-20°C to 60°C / -4°F to 140°F

Storage Temperature
-40°C to 70°C / -40°F to 158°F

Humidity
95% Non-condensing

Drop
MIL-STD 810G for 1.5m(5ft)

Rain / Dust Proof (Sealing)
IP65

Tumble
500cycle (1,000hits) at 1m/3.3ft

Electrostatic Discharge
±15 kV air discharge
±8 kV contact discharge

DATA CAPTURE

Camera
5.0 MP AF camera with LED Flash

Integrated Barcode Reader
1D Laser Scanner	All 1D standard symbology & Postal code
2D Imager Scanner	All 1D/2D standard symbology including GS1 Databar

GLOBAL POSITIONING SYSTEM

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

WIRELESS

Wireless WAN
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
Radio	IEEE 802.11 a/b/g/n
Data Rates	Up to 72.2 Mbps
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
Bluetooth	Integrated Bluetooth Class II, Ver. 2.1+EDR
Channels	0 to 78 (2402-2480MHz)
Data Rates	1, 2, 3Mbps

REGULATORY APPROVALS AND COMPLIANCE

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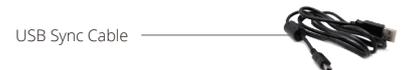
ACCESSORIES

Standard Accessories

- AC/DC Power Adaptor
- Standard Battery
- Stylus Pen and Tether
- USB Sync Cable
- Hand Strap
- LCD Protection Film

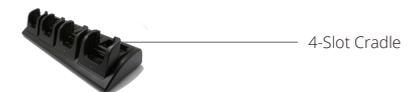### Optional Accessories

- Single-Slot Cradle
- Single-Slot Ethernet Cradle
- Extended Battery
- 4-Slot Battery Charger
- 4-Slot Cradle