



## PA520

### 3.5" Rugged Mobile Computer

The PA520 is a PDA-style device slim enough for a shirt pocket and tough enough for the field. More durable and rugged than a consumer-grade device, the PA520 proves that high-performing technology can come in an affordable package. It is simply the easiest way to bring the power of mobile computing to your business.

#### 3.5" Touch Screen

With the PA520 you can give your team the information they need to close the sale, track important assets, and assist your customers without overpaying for features you'll never need. The PA520's 3.5-inch touch screen adapts quickly to the task at hand. The responsive screen makes it simple to interact with crucial information—no stylus necessary. The PA520 is available in both VGA and QVGA resolutions, making it easy to pair with a wide variety of software.

#### Powerful Performance

The aggressive 1D laser/2D imager streamlines scan-intensive applications by reading all common barcodes, even those that are dirty, damaged or poorly printed. The 2D imager reads digital barcodes off of screens for greater versatility. Easy to integrate with software, the PA520 reduces application development time and requires very minimal training to operate. The robust Wi-Fi supports 802.11 a/b/g connections so your workers can stay connected and obtain the information they need quickly and securely.

#### Sleek and Lightweight

Compact, light, and ergonomic, the PA520 is a great way to introduce mobile computing to your business without the burden of heavier equipment. With 18 keys and dual scan triggers, the PA520 makes data entry a simple and comfortable process. The PA520 is also available with anti-microbial and housing for healthcare applications.

#### Main Features:

- Windows Handheld 6.5 operating system
- 3.5" Capacitive Transmissive Touch Screen
- Integrated 1D laser or 2D imager
- Environmentally sealed against water and dust
- 18 keys and dual scan triggers
- 1-year warranty

### System

<b>CPU</b>	TI AM3703 800 MHz
<b>Memory</b>	512 MB Mobile DDR RAM 512 MB Flash
<b>OS</b>	Microsoft Windows Handheld 6.5 Classic
<b>Languages</b>	English, Simp. Chinese, Traditional Chinese, Japanese, Spanish, German, French

### Display

3.5" Capacitive multi-touch screen  
Transmissive TFT LCD QVGA 240 x 320 /  
VGA 480 x 640

### Keypad

18-Key Numeric keypad and 2 side scanner triggers

### Indicator

Two LEDs for charging and scanning

### Expansion Slot

**Micro SD** Supports SDHC up to 32 GB

### Symbologies

<b>1D Laser</b>	UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 Full ASCII, Code 93, Code 32, Interleaved & Std. 2 of 5, EAN 128, Code 11, Delta, MSI/Plessey, Code 128, Toshiba, RSS Expanded, RSS Limited, RSS14
<b>2D Imager (optional)</b>	
<b>1D codes</b>	Australian Post, British Post, Codabar, Coupon Code, Code 11, Code 32, Code 128, Code 39, Code 93, Dutch, EAN 13, EAN 8, IATA 2 of 5, ISBT, Japanese Post, Kix code(nl), Matrix 2 of 5, MSI, Planet Code, Postnet, RSS14 expended, RSS14 Limited, RSS14, UPC A, UPC E, UPC E1, GS1-128 (UCC/ EAN-128), Standard ZOF5 (Discrete ZOF5), Trioptic
<b>2D codes</b>	Aztec, Datamatrix, Maxicode, Micro PDF 417, PDF 417, QR Code, Composite CC-A/B, Composite CC-C, GS1-128 (UCC/ EAN), TCL 39, UPC Composite Mode

### Audio

1 W speaker 85 dB at 10 cm

### Communication

<b>External storage</b>	Supports Micro SD memory card up to 32 GB
<b>USB</b>	USB 2.0 Client and Host
<b>WLAN</b>	IEEE 802.11 a/b/g/n Summit Radio, Cisco Compatible Extensions (CCX) Version 4 certification
<b>Bluetooth</b>	Bluetooth 2.1 + EDR

### Enclosure

<b>Weight</b>	7.76 ounces (with battery)
<b>Dimensions</b>	4.95" H x 2.99" W x 0.98" D

### Environmental

<b>Operating temperature</b>	32°F to 122°F
<b>Storage temperature</b>	-4°F to 140°F
<b>Relative humidity</b>	5% ~ 95% (non-condensing)
<b>Charging temperature</b>	32°F to 104°F
<b>Drop rating</b>	3 Feet
<b>Environmental sealing</b>	IP42

### Software

Microsoft Visual Studio 2005/2008  
Mobile SIP (VoIP)  
Auto Installer

### Accessories

Single-slot USB cradle  
2400mAH Standard battery  
USB communication and charging cable  
Power adaptor with universal plugs

### Regulatory Approvals

CE, NCC, FCC, BSMI, VCCI, CCC, RoHS compliance



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