



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

CPU	TI AM3703 800 MHz
Memory	512 MB Mobile DDR RAM 512 MB Flash
OS	Microsoft Windows Handheld 6.5 Classic
Languages	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

1D Laser	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
2D Imager (optional)	
1D codes	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
2D codes	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

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

Enclosure

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

Environmental

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