

- » Rugged Mobile Computer
- » Intel XScale powered
- » Large, high resolution TFT touch screen
- » Tough, rugged design
- » Optional integrated printer



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TOUCHPC™ KESTREL

TOUCHSTAR TECHNOLOGIES OFFER A COMPREHENSIVE RANGE OF STATE-OF-THE-ART MOBILE COMPUTERS

The Embedded Windows CE-based Kestrel is equipped with an Intel XScale processor. This ensures that your chosen business applications will run at optimum speed.



The Integrated TouchPod includes printer, scanner and magnetic stripe reader and has the added benefit of requiring only one battery to power the entire combined device. This optimises battery management for the operator, allowing all device components to be simply and efficiently charged in the cradle.

Integrated Bluetooth allows the Kestrel to upload and download data from, and communicate with, other external Bluetooth-enabled devices. On-Board GPRS facilitates immediate transmission of captured data from the Kestrel to a central office, enabling real-time processing and analysis.

The Kestrel has the ability, through in-built application software control, to make mobile telephone calls. Calls are conducted safely via an external headset and speaker. Businesses can control mobile telephone activity and costs more precisely by using the in-built software to set limitations on outgoing calls.

Integrated GPS (Global Positioning System) enables accurate tracking and vehicle navigation. When combined with the GPRS communications, location data can be continuously transmitted to the central location providing real-time visibility of the mobile workforce - optimising their workload and reducing vehicle running costs with increased personnel productivity.

Excellence in Mobile Computing

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KESTREL Specifications

Processor
Intel XScale

Memory
64Mb SDRAM

Operating System
Windows CE

High Resolution TFT Display
VGA 640 x 480 daylight readable
TFT. (101mm x 75mm)

Touch Panel
Rugged scratch resistant touch surface with anti-reflective coating.

Connectivity
USB
TouchPC Cradle optical interface (Speed 38.4Kbps)
CF card Type 1 Interface
SD Interface card slot
Expansion port for custom interface, supports all standard TouchStar peripherals

Integrated Bluetooth module (Class 1 up to 100m)
Integrated GSM/GPRS module (Voice and Data enabled)
Integrated SIRFIII GPS module.

Options

External Barcode Readers
RFID Tag reader
Communications and charging cradles
Mounting options
WIFI

Fully Integrated End Caps

TouchPod 58/80mm (2"/3") Thermal transfer printer, USB Host, Laser Bar Code Scanner, Smart Card Reader/Writer, 3-Track Magnetic Stripe reader and IrDA

Sound
Internal audio speaker

Main Battery
High power 4400mAh
Lithium Ion battery

Backup Cell
550mAh Lithium Ion Battery
(Up to 28 days backup)

Durability
Impact resistant, flame retardant
UV stabilised polycarbonate case

Operating Temperature
-20C – +40C
(Storage temperature -50C – +60C)

Dimensions
213mm x 115mm x 42mm
(8.3" x 4.5" x 1.6")

Weight
With main battery - 831g (29oz)

Standards
CE Emission EN55022:
1998 Class B Limit

CE Immunity
EN55024: 1998 Amendment
A1:2001 Annex B, FCC, CFR:47
March 2003 Part 15.107, 15.109,
Limit B

EMC testing
AS3548 (Australia)

Emissions
RTCA/DO160D Limit M
(for onboard aircraft usage) (Global)

Compass Safe Distance
RTCA 160D Section 15.3 & Class Z
(for on-board aircraft usage) (Global)

