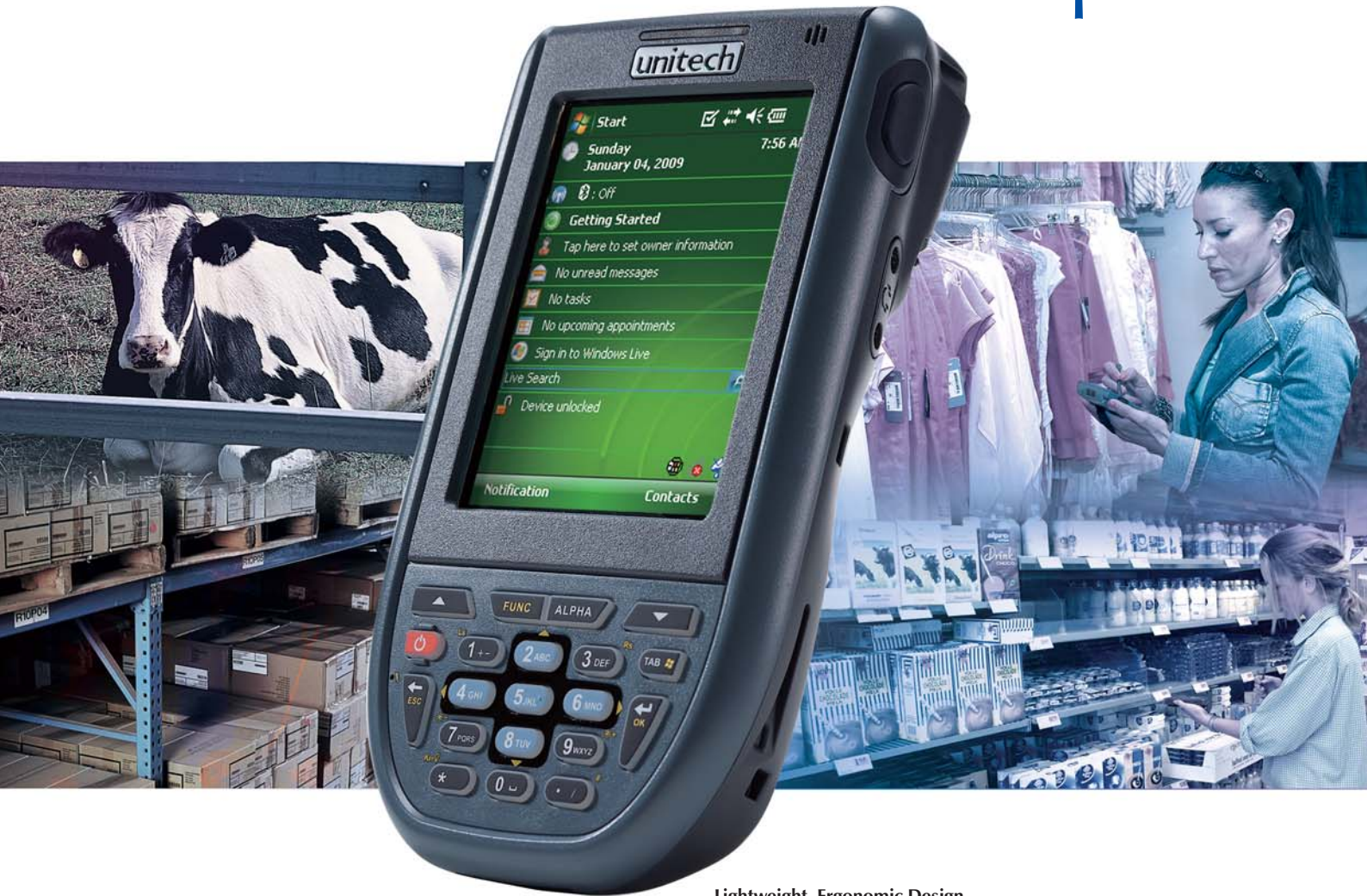


unitech

PA600FSA Industrial RFID Mobile Computer



PA600FSA – RFID Reader for Multiple ISO Standards

The Unitech PA600FSA is a compact and rugged mobile computer with an integrated 13.56MHz High Frequency RFID reader. The PA600FSA innovatively supports ISO15693, ISO14443A and ISO14443B standards in a single device, making it ideal for a range of RFID applications.

Supports a Range of Applications

Traditionally RFID devices would only support one ISO standard, requiring a different device for each application, but now, this one device does it all, supporting multiple applications in the same organisation and across a range of markets.

These include ticket inspection for transportation applications, use of the PA600FSA by visitors to exhibits and museums to read tags containing information about exhibits, and enhancing patient security by reading RFID cards to verify nurse and patient identity and record the administration of drugs. In the future, the PA600FSA can even enable customs officials to view a tourist's full itinerary held in an RFID tag on an E-passport.

Seamless RFID Integration

Supporting Oracle Database Lite and Microsoft BizTalk Server 2006, the PA600FSA allows end users to synchronise RFID data with existing business systems and databases. Support for Wavelink Avalanche enables easier management of wireless devices, decreasing cost and time of deployment.

Lightweight, Ergonomic Design

The PA600FSA is small enough to fit into your shirt pocket, weighting just 335g. But don't let its size fool you - with a 520MHz processor and an IP64 rating the PA600FSA is a powerful industrial device.

The PA600's rounded shape is designed to fit perfectly into the hand of the user. A full QVGA screen touchscreen enables the operator to view more information about the RFID tags that have been read and an ergonomic alphanumeric keypad makes data entry simple.

Tough Enough for All Environments

The rugged design of the PA600FSA won't let you down. Thanks to its IP64 rating, the PA600FSA is resistant to dust and moisture. Its robust build is able to withstand multiple 4ft drops to concrete without risk of damage. This minimises device downtime, reduces repair costs and delivers a much lower Total Cost of Ownership.

Main Features

- Supports three ISO standards in one device: ISO15693, ISO14443A, ISO14443B
- Windows Mobile 6.1 operation system
- Integrated HF RFID Reader, keypad and touchscreen
- Built-in Bluetooth and WLAN as standard
- IP64 Rated, 1.2 - Meter/4-Foot Drop Threshold
- SDIO expansion slot
- Full range of accessories and chargers
- Supports Oracle Database Lite, Microsoft BizTalk Server 2006 and Wavelink Avalanche

Microsoft
BizTalk Server 2006 R2

POWERED BY
ORACLE

Microsoft
Windows
Embedded
Partner

Specifications

System

CPU	Marvell PXA270 624MHz
Memory	Flash ROM: 576MB SDRAM: 128MB
OS	Windows Mobile 6.1

Display

240x320 QVGA, Color Transflective TFT, with Touch Screen & backlight

Keypad

20-key, including numeric key, alpha key and function key

Input Device

HF RFID Reader, Keypad, Touch Screen, and Full Alphanumeric Software Keyboard

RFID Reader

Frequency: 13.56MHz
Tag Support: ISO15693, ISO14443A, ISO14443B

Indicator

LED, Vibrator

Communication

USB Host & Client
802.11b/g
Bluetooth 2.0, Class2
Bluetooth supports Bluetooth Printer, Bluetooth Modem,
Bluetooth ActiveSync

Expansion Slot

SDIO Slot

Power Source

Main Battery	3.7V 2200mAH / 3300mAH Li-ion battery
Backup Battery	Rechargeable Ni-MH backup battery

Environmental

Operating temperature	-10°C to 50°C
Storage temperature	-20°C to 60°C
Relative Humidity	5% ~ 95%(non-condensing)
Drop test to Concrete	1.2-Meter / 4-Foot
Environmental Sealing	IP64 Rated
Weight	335g with battery
Dimension	L149.5 X H35.5 X W85mm

Software

Unitech Software Development Kit
Oracle Database Lite
Wave link Avalanche
Microsoft BizTalk Server 2006 R2

Accessories

4 Slot Multi-Bay	Battery Charger
Desktop Cradle	Extended Battery (To be available)
Holster	Vehicle Quick Charging Cable
Vehicle Dock	

Regulatory Approvals

CE, FCC, BSMI, VCCI, CCC, RoHS compliant, CB



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