



# NURIT 8400



## SPECIFICATIONS

### Processor

Fast 80 MHz, high-power 32-bit RISC microprocessor

### Memory

6MB (4MB Flash, 2MB SRAM); optional 3MB (2MB Flash, 1MB SRAM) or 12MB (8MB Flash, 4MB SRAM); optional SD/MMC card

### Display

128 x 64 pixel backlit graphical LCD display; multi-language font support

### Keypad

20-key ergonomic keypad; secure internal PIN pad with triple DES encryption

### Magnetic Card Reader

Triple-track, vertical swipe, bi-directional; ISO 7811; high and low coercivity

### Smart Card Reader (optional)

ISO 7816; 5V, 3V and 1.8V cards; T=0, T=1, asynchronous, synchronous; EMV 2000 Level 1 approved

### SAM Sockets (optional)

2 or 4 SAM sockets

### Communications Options

14.4 kbps modem (V.21/V.22bis/V.23/V.23bis), up to 56 kbps (V.34/V.92); HDLC, TCP/IP; 10BaseT Ethernet; GPRS

### Port Combinations

Standard modem/tel/pinpad/2xRS232 or modem/tel/pinpad/1xRS232/Ethernet; additional multiple port combinations are optional, including USB-device and USB-host

### Printer

Ultra high-speed, thermal graphical printer with easy-load paper mechanism; 18 lines/second; 8 dots/mm; 57 mm [2.35 in] wide paper

### Dimensions

H 80.7 mm [3.2 in] x W 110 mm [4.3 in] x D 232.5 mm [9.2 in]

### Environmental

Operating temperature: 0° to 50° C [32° to 122° F]; Storage: -20° to 60° C [-4° to 140° F]; Humidity: 5% to 95% non-condensing

### Power

90-264VAC switching power adapter; DC output 9VDC / 4A. Optional 2200 mAh Lithium-ion battery

## Features & Benefits

### Unparalleled Flexibility and Functionality

- Choice of communication options – including high speed internal dial modem, Ethernet LAN and GPRS – available in different configurations meet current and future needs
- Easily accessible serial and optional USB ports connect peripheral devices and accessories
- Product options and upgrades available as needed – even after initial deployment – including SAM and SD/MMC sockets and internal Lithium-ion back-up battery

### Multi-application Versatility

- Powerful multi-application NURIT Operating System (NOS) provides compatibility with all NURIT applications for smooth migrations and quick time to market
- Up to 12MB total memory to support larger, more complex value-added applications

### Exceptional Security & Dependability

- PCI PED approved for debit and other PIN-based transactions
- Designed to meet many regional security standards
- Secure internal PIN pad with Triple DES encryption for data security
- EMV Level 1 and Level 2 Type Approval reduces fraud and increases cardholder confidence
- 32-bit processor for fast, efficient processing
- Bi-directional, triple-track magnetic stripe card reader for accurate swipes
- Large backlit display with multi-language font support eases use and readability
- Easy-load thermal printer prints at 18 lines per second for quick and hassle-free receipts

### NURIT Control Center Streamlined Management

- Facilitates deployment and support of a network of NURIT devices
- Simple integration and management of a wide range of market-specific applications
- Scalable, intuitive and easily customized system
- Parameter and software download over popular networks
- Deployment inventory and merchant help desk management



## First Global Merchant Services

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