

ON700 Series

Rugged Handheld Computer



ON 700 / 720 Main Features

- Marvell® Xscale™ PXA270 520MHz CPU
- Microsoft® Windows® CE .NET 5.0 Operating System
- Open Architecture : User Accessible SD Slot
- Optionally Integrated WiFi + Multi RF + GPRS
- Optionally Integrated 1D or 2D Barcode Scanner
- Optional GPS or RFID expansion module
- Modularized Design : Changeable Scan Housing, Keypad
- Operational Temperature : -10°C ~ 50°C
- Storage Temperature : -20°C ~ 60°C
- IP65 Certificated
- 1.5M (5ft) Drop Resistance



ON 700 / 720 Specifications

ON 700 / 720 Series
Rugged Handheld Computer

Processor

- Marvell® PXA270 520MHz, 32 bits RISC CPU

Memory

- 1 GB Flash ROM
- 128 MB SDRAM

Software

- Windows® CE .NET 5.0 Professional
- IE 6.0, Inbox, ActiveSync
- WLAN utility for Security function
- Software update from SD Card

Display

- 3.5" 240 X 320 QVGA Graphic Transflective TFT, 256K Color LCD with LED Backlight
- LCM LED Backlight adjustable
- 4-Wire Resistance Type Touch Panel
- Passive Stylus or Finger Operation

Audio

- One Mono Speaker
- 2.5mm DIA Stereo Earphone Jack with Microphone input

Expansion

- One user accessible SD/MMC Slot for removable memory card up to 16G, FAT/FAT32 Format
- SIM Slot for GPRS
- Optional GPS, HF RFID

LED Indicator

- 3 Color LED for Charger Indicator and Alarm Notification
- 2 Color LED for Scanner Indicator

Barcode Engine

- Support 1D Laser Scanner or 2D Imager Scanner

Keypad and Buttons

- ON 700
- One 16 Numeric Keypad
- Three Barcode Scanner Buttons
- ON 720
- One 44 Alpha-numeric Keypad
- Four Barcode Scanner Buttons
- ON 700 / 720
- One Power Button
- One Pistol Trigger Button
- Four Application Buttons
- Four Navigation Buttons
- One Application Hot Key

Keypad Backlight Lights

- White LED Lights

Power System

- Standard Li-ion Battery Pack, 3.7V DC, 3000 mAh
- Optional High Capacity Li-ion Battery Pack, 3.7V DC, 4000 mAh
- One Rechargeable Backup Battery
- Power Adapter : 100~240V AC, 50/60Hz Input, 5V DC/2.6A Output

Radio Communications

- Built-in Multi RF V2.0+EDR with Antenna, Class II Compliant, Range 5-10m
- Optional Wireless LAN 802.11b/g
- Optional GPRS Module
- Possibility of 3 in 1 (WiFi + Multi RF + GPRS)

External Ports

- One DC-IN Jack
- One LIF Connector supports RS232, USB 1.1 Client, USB 1.1 Host, DC-IN and DC5V/100mA output
- LIF Connector supports Cables & Cradle

Environmental & Rugged

- Operation : -10°C ~ 50°C
- Charging : 0°C ~ 40°C
- Storage : -20°C ~ 60°C
- Humidity Storage : 5 % ~ 95% (Non Condensing)
- IP65 Certificated
- 1.5M (5ft) Drop Resistance

Dimensions and Weight

- Dimensions
- ON 700 : 193.2 x 91.3 x 42.2 / 60.6 mm
- ON 720 : 221.0 x 91.3 x 42.2 / 60.6 mm
- Weight (with Standard Battery Pack)
- ON 700 : 595g / ON 720 : 650g

Regulatory Compliance

- Safety : UL/cUL, LVD, CB
- EMC : CE, FCC
- RoHS (DoC)
- WEEE (DoC)

Standard Package (Enclosed Items)

- ON 700 / 720 Main Unit
- Standard Battery Pack (3.7V DC, 3000 mAh)
- Standard AC Adapter 5V DC/2.6A
- AC Power Cord
- Earphone / Microphone Set
- USB Client Cable for Terminal
- Hand Strap
- Stylus
- Quick Guide
- CF Support Guide (Supplied depending on Models)

Accessories (Sold Separately)

- RS232 Serial Cable for Terminal
- USB Host Cable for Terminal
- High-Capacity Li-ion Battery Pack (3.7V DC, 4000 mAh)
- Expansion End Cap
- Single Dock
- Pistol Grip
- 4 Slot Battery Charger
- Car Adapter
- Belt Holster
- RFID Expansion Module
- GPS Expansion Module
- Standard Battery Cover
- High-Cap Battery Cover
- Vehicle Mount Dock

Single Dock

- > Second Battery Charger
- > PC Communication
- > USB Host and USB Client
- > RS232 Connector



4 Way Charger

- > For PDT Charging & Second Battery Charging completed in 4 hrs (Standard Battery)



Pistol Grip

- > Featured rugged & ergonomic design, this Handle/Pistol Grip hold a stylus when attached to a terminal



Battery Packs

- > Standard : Li-ion Battery Pack 3.7V/3000 mAh
- > Option : High Capacity Li-ion Battery Pack 3.7V/4000 mAh



4-Slot Battery Charger

- > Charger up to 4 Batteries in 5 hrs
- > LED Lights showing Charging status



GPS/RFID

- > GPS : SiRF star III high performance GPS Chip set. Externally fast TTFF (Time to First Fix) at low signal level
- End-Cap GPS module accessories
- Build-in active antenna
- > RFID : RFID Standard ISO 15693 and ISO 14443A/B full function



Vehicle Mount Dock

- > One RS232 port, One USB Host Port
- > Power Input from Cigarette Lighter Adapter or Car Battery
- > Mounting System not included



Belt Holster

- > Two side pockets hold extra batteries and an adjustable belt to secure around the user's waist

