



Designed with mobile workplace computing in mind, the SUMO ST362 / ST312 provide the ultimate solution in its field. With its multi-communications WAN and LAN capacities, the compact mobile computer delivers all that is demanded.

Available with a high brightness outdoor viewable screen option, its easy to use design incorporates handgrip bumpers that protect it from the typical traumas of everyday use. Powered by Intel Atom's Z530 (1.6GHz) energy efficient CPU, it has the capability to have a field operation cycle that makes non-vehicle deployments a practical solution.

The SUMO ST362 / ST312 is available with a choice of operating systems, including Windows XP Tablet PC Edition, which enables easy pen-based data entry with handwriting recognition, and full access to any Windows based applications including those created for Microsoft .NET Framework and Sun Java. Also available are Windows XP Embedded, Windows XP Professional, Windows CE and Linux.

#### Features

- ▶ Intel Atom Z530 1.6GHz providing excellent performance and operational cycle
- ▶ Support for Windows XP Tablet PC Edition, Windows XP Embedded, Windows CE and Linux
- ▶ Solid State Disk (SSD) options up to 64GB
- ▶ UMTS (3G) support for complete mobile computing (optional)
- ▶ Extended use options with hot-swappable battery expansion
- ▶ Vehicle mounting cradle assembly option
- ▶ Desktop cradle option with USB, Ethernet and charging facility
- ▶ Zero ventilation requirements
- ▶ High brightness outdoor viewable display option
- ▶ Stylus free touch operation capable
- ▶ Software control panel for easy access to enable Wireless LAN and Bluetooth

## Applications

The SUMO ST362 and ST312 are suited to many industry deployments including:

- ▶ Transportation and Warehousing
- ▶ Healthcare
- ▶ Utilities
- ▶ Education
- ▶ Manufacturing
- ▶ Finance
- ▶ Retail
- ▶ Server-based Computing
- ▶ Web-based Computing
- ▶ Laptop Replacement

## Major Options

- ▶ 3 mega-pixel camera
- ▶ 2D barcode scanner
- ▶ Magnetic stripe reader
- ▶ High brightness outdoor viewable display
- ▶ 3 Year Extended Warranty (Batteries 3 months only)

## Key Accessories

- ▶ Protective bumpers (included)



- ▶ Shoulder strap



- ▶ Screen protectors



- ▶ Desktop charging cradle (with LAN & USB)



- ▶ Automobile power adapter



- ▶ Vehicle mount cradle (with keyboard tray option)



- ▶ Extended Internal Battery (Li-Ion)



- ▶ External battery (Li-Ion)



- ▶ External battery charging kit (Single)



- ▶ External battery charging kit (Multi)



- ▶ Carrying case with compact USB keyboard



## Specification

### ▶ Processor

Intel Atom Z530 1.6GHz

### ▶ Memory (RAM)

1GB DDR2 533MHz

### ▶ Storage

Up to 16GB flash memory  
Solid State Drive (SSD) (32GB or 64GB)

### ▶ Display

#### ST362

8.4" TFT LCD with Resistive Touch  
800 x 600 Resolution (Outdoor Viewable Option)

#### ST312

10.4" TFT LCD with Resistive Touch  
1024 x 768 Resolution (Outdoor Viewable Option)

### ▶ Operating Systems

Microsoft Windows XP Tablet PC Edition  
Microsoft Windows XP Professional  
Microsoft Windows XP Embedded  
Microsoft Windows CE  
Linux

### ▶ Network Interface

WiFi 802.11a/g/n  
Bluetooth 2.0  
10/100 Base-T Ethernet in desktop cradle (optional)

### ▶ Controls and Connectivity

1 Power Button, 7 Front Buttons and 1 Trigger Button  
12 V DC-in Jack  
Audio-In Jack  
Audio-Out Jack  
USB 2.0  
UMTS (3G) (optional)

### ▶ Audio

Built In Speakers

### ▶ Stylus

Non-electronic tip

### ▶ Enclosure

ABS + PC Plastic and Magnesium-Aluminium Alloy

### ▶ Physical Dimensions

H × W × D

#### ST362

200 × 240 × 18 (mm)  
7.9 × 9.6 × 0.8 (inches)

#### ST312

210 × 261 × 18 (mm)  
8.3 × 10.3 × 0.8 (inches)

### ▶ Weight

ST362: 0.86Kg (1.9lbs)  
ST312: 0.93Kg (2.05 lbs)

### ▶ Battery Packs

Internal: 2S2P; 7.4V; 2200mAh or 2S2P; 7.4V; 3760mAh  
External: 2S2P; 7.4V; 3760mAh Hot Swappable (Optional)

### ▶ Power

Adapter: AC/DC  
Input: 100-240V AC  
Output: 12V DC, 3.5A  
Power Cords: UK, EU, North America, China and Japan

### ▶ Environment

Operation: 0°C - 40°C  
Storage: 0°C - 60°C  
Humidity: 0% - 90% non-condensing

### ▶ Regulatory Compliance

FCC Class B, CE, C-Tick, RoHS compliant



For more information, including pricing, availability and detailed features please look at our web site at [www.uniqueid.co.uk](http://www.uniqueid.co.uk) or email [mknowles-leak@uniqueid.co.uk](mailto:mknowles-leak@uniqueid.co.uk)

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All specifications are subject to change without notice.

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