



At the forefront of technology Sumo Technologies announce the ST520 Industrial Flex-Mount Tablet.

With a 12.1" TFT LCD display, it delivers dependable computing in harsh industrial environments. Certified for shock and vibration protection (MIL-STD-810F), water and dust proof protection (IP65), the Sumo ST520 is provisioned for a wide spectrum of industrial deployments. Its fan-less design and high availability power (internal UPS) allows the Sumo ST520 to meet high standards for reliability, availability and durability. Operational flexibility is further enhanced with optional peripherals including GPS module, 3G wireless WAN module, 802.11 a,b,g wireless connectivity and HDD storage.

Features

- ▶ 12.1" TFT industrial grade touch screen
- ▶ Magnesium-aluminium alloy construction
- ▶ Shock and vibration protected case
- ▶ Water and dust proof sealed enclosure; IP65 rated
- ▶ Fan-less design allowing extended duty cycle operation
- ▶ Advanced ACPI power management, providing Stand-by, Suspend to disk and Ram
- ▶ VESA-compliant mountings, for wall, ceiling, vehicle mounting

Standard Package Contains

- ▶ Sumo ST520 including internal battery pack
- ▶ AC/DC adapter with power cord
- ▶ Documentation

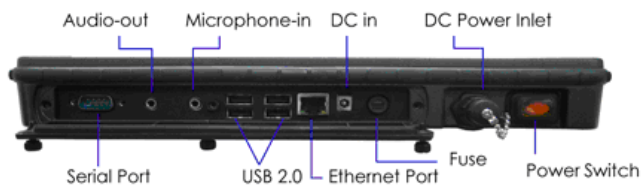
Applications

The Sumo ST520 Industrial Flex-Mount Tablet delivers robust and reliable computing in demanding operational conditions, these include:

- ▶ Emergency and Rescue Services
- ▶ Law enforcement
- ▶ Utility services delivery
- ▶ Marine and Boating
- ▶ Logistics and Transportation
- ▶ Control and Monitoring
- ▶ Manufacturing

Major Options

- ▶ Outdoor-viewable touch screen
- ▶ HDD (120 GB)
- ▶ SSD (32GB or 64GB)
- ▶ GPS receiver module
- ▶ 3G or GSM module
- ▶ High availability Power Supply (UPS) option to protect from unstable power
- ▶ Back-up battery pack



Lower I/O Panel

Optional Accessories

▶ RAM Mount

Table or wall mountable
Mount for unit up to 4.5kg
VESA 75 & 100
2.5" diameter base
Arm length 5.625"



▶ Vehicle RAM Mount

Mount for unit up to 4.5kg
VESA 75 & 100
Clamp type
Arm length 5.625"



▶ Waterproof Keyboard

88 keys in compact size
PS/2 and USB compatible
Wipeable design for easy clean-ups



▶ U Bracket

Serve as desktop stand or ceiling mount
Metal enclosure
3 drilled holes for ceiling mount
Arm length 12.5"



▶ Internal Battery Pack

Backup battery for uninterruptible power supply
Continuous operation in case of power failure



▶ Mini-USB Keyboard with Hub

88 Keys in compact size
PS/2 and USB compatible



▶ Keyboard Tray

Mounting tray for attaching the waterproof keyboard to the ST520
Metal enclosure
VESA-compliant 100 x 100



▶ DC Power Cable

Waterproof; IP67 Rated
Connector: Nylon + GF
Pin: Copper Alloy, Gold Plate
Cable: UL2464, 20 AWG
Length: 20'



Specification

▶ Operating Systems

Windows® XP Embedded
Windows® XP Professional

▶ Processor

AMD Mobile Sempron™ 1GHz

▶ Storage

Up to 16GB flash memory
Solid state drive (SSD) (32 GB or 64GB)
Hard Disk drive (HDD), 120 GB

▶ Display

12.1" TFT LCD with resistive touch, Outdoor-viewable option
1024 x 768 Resolution

▶ Controls and Connectivity

1 mechanical switch power button
1 power button
9 programmable buttons
1 COM port
1 Microphone-in
1 Headphone out
4 USB (2.0)
Ethernet RJ45
2 DC-in jacks (AC-DC/ DC-DC)
1 PCMCIA slot
1 Express card slot

▶ Audio

1 built-in speaker

▶ Network interface

Bluetooth Class 2
Ethernet 10/100/1000 Base-T LAN
Wireless 802.11a/b/g
3G or GSM module (optional)

▶ Physical Dimensions

H x W x D
240 x 310 x 40 mm
9.45 x 12.2 x 1.57 inches

▶ Base Weight

3 Kg max (6.6lbs) with UPS battery and 2.5" HDD
2.5 Kg (5.5 lbs) without UPS Battery and HDD

▶ AC/DC Adapter

Input: 100-240V AC, 50-60Hz
Output: 18.5V 3.5A

▶ DC/DC Adapter

Input: 12-36V DC

▶ Power Cords

UK, EU or North America

▶ Operating Environment

Temperature: 0° - 50°C
Humidity: 5% - 95% RH non-condensing

▶ Anti-freeze operating temperature (optional)

Temperature: -20° - 50°

▶ Regulatory Compliance

CE, UL, FCC Class B, RoHS compliant, C-tick, MIL STD 810F, and IP65

▶ Vibration

MIL-STD-810F 514.5C-3 Composite wheeled vehicle vibration exposure

▶ Shock

MIL-STD-810F 516.5
Operating 40G (11ms)



All specifications are subject to change without notice.

SUMO, Masters of Technology and ST520 are trademarks of SUMO Technologies Ltd. Microsoft Windows XP, Microsoft Windows XP Embedded are registered trademarks of Microsoft Corporation. AMD and Sempron are registered trademarks of Advanced Micro Devices, inc. All other products and services are trademarks or service marks of their respective companies, and are acknowledged. E&OE



For more information, including pricing, availability and detailed features please look at our web site at www.uniqueid.co.uk or email mknowles-leak@uniqueid.co.uk

Unique ID Limited, Unit 1, Barnes Wallis Court, Wellington Road, Cressex Business Park, High Wycombe, Bucks, HP12 3PS
Tel: +44 (0) 1494 511022 Fax: +44 (0) 1494 511033