

LINX™ Vehicle Demountable Tablet PC

High performance vehicle demountable PC with multi-bearer technology

Modes Of Use

- Handheld
- Vehicle Demountable
- Office In A Bag
- Deskstation

Security

- Designed to emerging CESA recommendations
- Tamper switch and label
- Emergency 'Rescue Me' function
- Remote disable of TETRA modem
- Customer specific access code
- Trusted platform module
- Dallas iButton and Fingerprint Recognition for user authentication

Applications

- Handwriting recognition
- Signature reader/store
- Keyboard on screen
- Camera control and recorder
- Audio recorder
- Microbus Software Utilities

The Microbus LINX is the first true demountable tablet PC with an integral TETRA modem that has been specifically designed for the vehicle.

The LINX meets all the hardware needs of any remote worker requiring a versatile mobile data solution. Full PC functionality is provided both in and out of the vehicle and seamlessly links the user, vehicle and control room. The LINX is cleverly designed with a unique and dynamic range of controlled entry features for user authentication to optimise security.

The multi-bearer flexibility of the LINX allows the user to choose the best communication technology for their environment. Additionally, connectivity through 3G, GPRS, GSM and HSDPA offers true broadband speeds with communication back to the office databases via these routes or via the secure TETRA modem.



WiFi offers many other possibilities to the user such as automated data download in a controlled zone as the vehicle passes through while Bluetooth provides the same range of possibilities previously the domain of either the home user or the mobile phone.

The unit's GPS functionality enables all the standard options like satellite navigation and vehicle location. It also facilitates automatic despatch of the nearest vehicle to an incident or call zone from the control centre by providing full visibility of all vehicles within the fleet.

Housed in a tough magnesium alloy case with ergonomic rubber surrounds, the LINX is protection classified to IP54 for dust and water ingress and designed to MIL-STD-810F test procedures for drop, shock, vibration resistance, and exposure to extremes of temperature.

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MODELS

LINX Single Bearer/TETRA	TETRA modem and antenna but without 3G/GPRS/WLAN
LINX Multi Bearer excluding TETRA	3G/GPRS/WLAN but without TETRA
LINX Multi Bearer including TETRA	3G/GPRS/WLAN and TETRA modem and antenna

SPECIFICATION

Operating System	Windows® XP, Windows Vista™
Touchscreen	8.4" SVGA Transflective colour screen 650cd creating 1000cd using ambient light Finger, gloved finger or stylus operation
On/off switch	Controls power and monitors vehicle battery with controlled Windows® shutdown
Processor	Intel® Core Solo 1.06Ghz low power drain for long life battery and low heat dissipation
Memory	1GB standard
Bus speed	533MHz
Cache level 1	32Kb Instruction cache, 32Kb Write-Back cache
Cache level 2	1MB
Battery	Internal Lithium-ion removable / rechargeable - 4 hour typical usage
Camera	2.0M pixel still camera
USB	USB 2.0 (can be disabled)
WiFi	Intel® Centrino® 802.11 A/B/G
3G/GPRS	3G/GPRS/GSM/HSDPA with internal antenna
GPS	GPS module with internal antenna
TETRA	Internal Sepura TETRA Radio Card technology with flexible antenna Frequency bands: 380 - 424MHz and 450 - 470MHz
Bluetooth	Bluetooth 2.0 EDR (Enhanced Data Rates) Class 1 • 100 metre range • 2.4GHz band
Hard disk	32GB Solid State Drive
Sound	Built in speaker and microphone
Power	12/24V with range of 10V to 30V defaults to internal battery below 10V to protect vehicle battery
Dimensions	220 x 190 x 55mm
Weight	1.9 kg
Docking	Secure dock to docking station (tamperproof) - key coded to remove (can be disabled) Docking station continues operation by manual button system when unit is removed
Standards	Compliant to MIL-STD-810F and IP54
Temperature range	-20°C to 55°C operation -20°C to 70°C storage 0 to 95% RH non-condensing
Shock & vibration	2-200Hz bandwidth, 1.04grms 20g 11ms half sine 45g 3ms half sine
Certification	AES Spec 5 issue 10 e mark & CE mark as applicable EMC CE Class
Warranty	12 months return to base Extended warranties available

PERIPHERALS AND ACCESSORIES

Desk charging cradle	Multi-bay charging and calibration system for up to 4 batteries
Additional battery	Lithium-ion battery with LCD charge indicator
Office In a Bag	Pre-wired carry bag with keyboard, AC power, document scanner, printer
Deskstation	Desktop cradle with mains charging and connectivity for keyboard and USB
Expansion box 1	Provides connectivity for higher in-vehicle functionality (TBC)
Expansion box 2	HDA sound, line in, line out (TBC)



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