

M-PC

HIGH PERFORMANCE IN-VEHICLE COMPUTER



CLASS LEADING PERFORMANCE

The M-PC family of in-vehicle computers support a wide range of applications and technologies. Using their wireless connectivity, the computers place real-time information in the hands of the field-based worker, where and when they need it. They benefit from multi-bearer flexibility and can be used over any network including TETRA Airwave.

The Windows-based systems feature Intel® processing technology, offering class-leading performance and greater energy efficiency.

They offer a wealth of features and connectivity to support a variety of applications including Automatic Number Plate Recognition, Digital Video Recording, database access, Computer Aided Dispatch, incident reporting and GIS/Mapping.

Multiple camera inputs also feature a dedicated MPEG channel to support Microbus's Integrated Digital Video Recorder; a cost effective and space-saving video recording solution.

10 REASONS TO BUY THE M-PC



- CLASS LEADING PERFORMANCE** - Intel® processors allow easier multitasking
- IDEAL ANPR PLATFORM** - more camera inputs and dedicated MPEG encoding
- COST EFFECTIVE** - energy efficient performance and low whole life costs
- MULTI BEARER** - choose your ideal communications network including TETRA
- VEHICLE SPECIFIC** - engineered specifically for use in the vehicle environment
- TOUCHSCREEN** - large high brightness touchscreen for easy input and display of data
- EASY UPGRADE** - computer unit footprint is compatible with existing systems
- GPS** - internal GPS support for mapping and vehicle location applications
- GREATER CONNECTIVITY** - multiple serial, USB and Ethernet connections
- CERTIFICATION** - compliant to AES5 Issue 10 and "e" Mark for vehicle use



Your essential companion on the frontline

The M-PC family of computers allows frontline personnel easy access to mission-critical data providing huge operational benefits. With a wealth of features and connectivity, the computers provide the ideal platform for mobile data and image processing applications in the vehicle and, with compatible cameras and software, can provide a cost effective and integrated Digital Video Recording system. Multi-bearer connectivity allows the user to connect wirelessly to access databases or files held on remote databases, and the range of supporting OptiVue™ colour touchscreens provide optimal brightness and contrast ratio in all lighting conditions.

APPLICATIONS

- ANPR
- Digital Video Recording
- Database access
- Computer Aided Despatch
- GIS/Mapping

INSTALLATION

- Range of high brightness screens to fit different vehicle types
- Single system unit needs only a small footprint in the vehicle
- Integrated power supply runs straight from the vehicle's battery

EASE OF USE

- Daylight-viewable colour touch-screen displays with full dimming
- Microbus Menu controls for easy application switching
- Interface can be designed to meet user's specific needs



OPTIVUE™ TOUCHSCREENS

The range of OptiVue™ touchscreens are built to the same exacting standards as the vehicle computers that power them.

They feature high-brightness TFT colour screens, resistive touch overlays and rugged aluminium housings.

They can be integrated into a vehicle dashboard or mounted independently. A single cable connects the computer unit to the screen to provide power, data and touch control.



All the touchscreens feature software control of brightness, and user-defined day and night settings.

KEYBOARDS

Our range of rugged and compact keyboards are designed specifically for vehicle use. They are available in a range of sizes with features to complement a variety of users and vehicle types.



Some keyboards are available with holsters for convenient storage when not in use.

SOFTWARE

As well as the complimentary Menu and System Utilities software supplied with the M-PC computers, there is a range of optional software packages available that can provide additional operational benefits.



The Integrated Digital Video Recorder application is specially developed for the M-PC range of in-vehicle computers. It provides a cost-effective method of recording video input and allows the user to review and save incidents to the local hard disk drive for evidence packs.

An additional On Screen Display module allows the overlay of text on video which is saved as an integral part of the recording.



M-PC OVERVIEW

High performance, Windows-based, in-vehicle computer. Multi-bearer connectivity supports use over 3G/GPRS and TETRA frequencies. Multiple camera inputs feature one dedicated MPEG channel to support Microbus's Integrated Digital Video Recording solution.

	M-PC2 101	M-PC2 510	M-PC2 610	M-PC3 1710
Processor	Intel® Celeron 1.3GHz	Intel® Pentium M 1.8GHz	Intel® Pentium M 1.8GHz	Intel® Core 2 Duo 2.5GHz
Memory	1024MB	1024MB	2048MB	2048MB
Hard Disk	80GB	80GB	80GB	160GB
3G (HSDPA)/GPRS dual modem	Optional	Optional	●	●
GPS	●	●	●	●
GPS Serial Splitter	●	●	●	●
WLAN	●	●	●	●
Video Capture/PAL camera support	4	4	4	4
iDVR compatible (Digital Video Recorder)		●	●	●
OSD compatible (On Screen Display)			●	●
AES5 Issue 10 (high level EMC shielding)		●	●	●

Bespoke builds are available for high volume orders



SERVICE

Customer Service	Friendly, helpful service for product ordering and repair returns
Technical Support	Comprehensive pre- and post-sale technical support
Warranty	12 month warranty, extended warranties and factory repair/replacement programmes
Long Term Supply	Complete support for full life of the product
Quality Management	Microbus operates a quality management system, complying with ISO 9001:2000
Training	Comprehensive product training programmes for customers

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