

## Platform PC

The Greeve Platform PC is designed to provide embedded, rugged, reliable computer technology in mobile platforms. It is based on 'fit and forget' technology that does not need any special care once installed.

The Platform PC is available with Windows or Linux operating systems installed or as a 'blank' system requiring user installation of the operating system. It is capable of running mapping software, being used for web browsing (with a suitable internet connection) and for on-board entertainment.

As standard it comes with two USB 2.0 connectors and a power connector. The USB interfaces can be used to connect display devices, external drives, and input devices such as tracker balls and keyboards (see the options and offered peripherals). Additional peripherals can be connected using USB distribution connectors.

Supported operating systems include Windows 2000, Windows CE, Windows Embedded 2009, Windows XP, Windows XP Embedded and Linux

### Expansion:

Greeve offer the following compatible peripherals:

- USB Display
- Bluetooth remote keyboard and touch-pad
- USB DVD player
- USB distribution connector
- USB sound interface
- USB GPS antenna

The Platform PC is compatible with the Greeve range of system components including the multiplexed wiring system, ECU, and condition monitoring.

### Bespoke Development:

Contact Greeve to enquire about bespoke systems design and configuration to meet your exact requirements.



Platform PC with 7" screen and remote micro keyboard

### Standard Features:

- Processor – VIA C7 1.2GHz fanless
- System Memory – 1Gb
- Graphics – VGA
- Disk Drive – 160 GByte rotating
- Connection 2 x USB 2.0
- Environmental Protection – IP54
- Shock – 5g all surfaces (50g option)
- Operational Temperature -20°C to +50°C
- Power consumption < 1Amp (PC only)

### Options:

- 10/100 Mbps Fast Ethernet
- Additional 2 channels of USB 2.0
- Larger rotating Disk Drives
- Solid state Disk Drives (50g shock)
- Extended temperature range
- Environmental protection IP67
- Power switch timer (part No GK133217)

The PC operates with an input power ranging from 6v to 24v DC. The power supply is protected to provide operating power during engine cranking and to deal with excessive voltages under load-dump conditions.

Safe shutdown is provided when the ignition is turned off to ensure there are no lost files or system crashes.

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