

DuroBox Pro Kit

The Complete High-Performance MOT Workstation - Faster, Bigger, Ready to Go

Part of the DuroBox Pro family

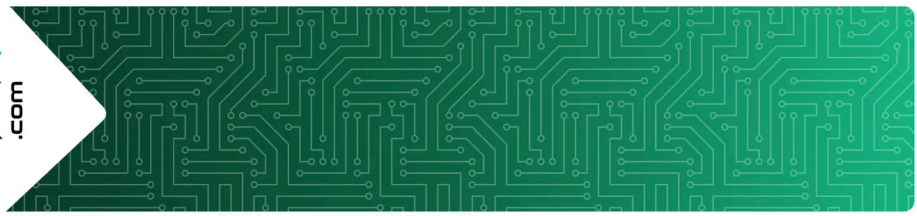


Product Overview

DuroBox Pro Kit is the upgraded complete workstation for high-throughput MOT sites, multi-tester garages and fast-turnaround workshops where downtime is not an option. Built around the same fanless, dust-resistant platform as the standard DuroBox, the Pro Kit steps up to an Intel Core i5 processor, 16 GB DDR5 RAM and a 500 GB NVMe SSD - delivering the headroom needed for heavy multi-tasking, larger job databases and smoother day-to-day performance across busy test days.

The 27-inch Acer Vero B277G monitor is a significant step up from the standard kit. The larger IPS panel means less squinting during back-to-back tests, and the fully adjustable ergonomic stand supports height, tilt, swivel and pivot adjustment to suit any desk or ramp-side position. A built-in USB hub on the rear of the monitor provides four USB-A downstream ports - plug in a barcode scanner, printer, brake tester cable or USB stick directly at the screen without reaching around to the PC. Built-in 2W speakers handle system alerts without needing separate speakers on the desk.

There is nothing extra to source, licence or configure. The box contains the PC, 27-inch monitor with adjustable stand, 5-metre HDMI cable, wireless keyboard and mouse with USB receiver and batteries, VESA bracket, industrial Wi-Fi/Bluetooth antennas and all power adapters with UK plugs. Windows 11 Pro and Bowmonk MTS Connected are already installed and activated. A remote Techeonix technician completes DVSA site key registration, pairs your brake tester and verifies the system end-to-end before signing it off - one delivery, one call, MOT ready.



Product Highlights (cont.)

- Upgraded complete workstation: faster i5 PC, larger 27" monitor with USB hub, wireless keyboard and mouse
- Designed for high-throughput and multi-tester MOT sites
- Fanless PC design - reduced dust ingress, no moving parts
- Intel Core i5 1235U, 10 cores / 12 threads, 16 GB DDR5 RAM, 500 GB NVMe SSD
- 27" IPS monitor - Full HD 1920x1080, 120 Hz, AdaptiveSync, built-in speakers
- 4 x USB-A ports on monitor rear - expand connectivity without reaching the PC
- Fully adjustable monitor stand: height, tilt, swivel, pivot
- Silent wireless keyboard and mouse - no cables, no clutter, up to 36-month battery life
- Pre-installed with Windows 11 Pro and Bowmonk MTS Connected software
- DVSA MOT Testing Service IT Specification compliant
- Remote technician setup: site keys, equipment pairing and commissioning included
- 3 x HDMI 4K display outputs (up to 4096 x 2160)
- 6 x USB ports on PC (4x USB 3.2, 2x USB 2.0) plus 4 x USB-A via monitor hub
- 3 x Intel 2.5G Gigabit Ethernet
- Wi-Fi 7 and Bluetooth 5.4, with industrial-grade antennas
- Instant-on performance - boots in seconds, not minutes
- VESA & wall mounting for both PC and monitor
- 2-year warranty as standard, extendable to 3 or 5 years
- Priority UK engineering support from Norwich - phone and email

Applications

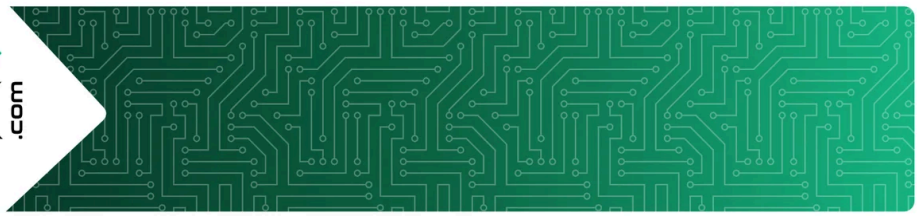
High-Throughput MOT Testing Stations

Multi-Tester Garages

Fast-Turnaround Workshops

Calibration Stations

Admin & Invoicing Workstations

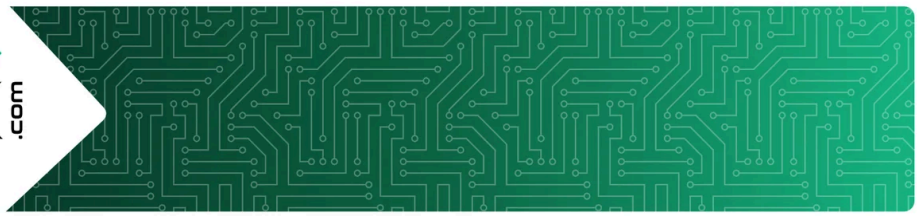


Technical Specifications

System	
CPU	Intel Core i5 1235U, 10 cores, 12 threads, up to 4.4 GHz (12th Gen)
Graphics	Intel UHD Graphics (integrated)
BIOS	Custom Techeonix UEFI BIOS
RAM	16 GB DDR5-5600 (expandable to 32 GB)
Storage	<ul style="list-style-type: none"> 500 GB M.2 2280 NVMe SSD (PCIe 3.0) (expandable) 1 x 2.5-inch SATA bay (available for additional storage)
USB (PC)	6 x USB ports total (4x USB 3.2, 2x USB 2.0)
Serial	2 x COM (configurable as RS232 or RS485 in BIOS)
Display Outputs	3 x HDMI 4K - synchronous or asynchronous, up to 4096 x 2160
Ethernet	3 x Intel i225-V 2.5 Gigabit LAN
Audio	1 x audio interface (2-in-1 headphone/mic)

Expansion & Wireless	
M.2 Slots	<ul style="list-style-type: none"> 1 x M.2 2280 M-key (NVMe, PCIe 3.0) - occupied by system OS 1 x M.2 3052 B-key (with USB 3.0 signal) 1 x M.2 2230 E-key - Wi-Fi 7 and Bluetooth 5.4 module
Wi-Fi / Bluetooth	Built-in via M.2 E-key slot, with 2 x industrial-grade external SMA antennas

Included Monitor	
Model	Acer Vero B277G (Vero B7 series)



Technical Specifications (cont.)

Screen Size	68.6 cm (27") diagonal	Built-in USB Hub	Rear-mounted USB hub for expanding workstation connectivity: <ul style="list-style-type: none"> • 4 x USB-A downstream ports • 1 x USB upstream port (connects to PC) • Ideal for barcode scanners, printers, USB sticks and test equipment
Resolution	1920 x 1080 (Full HD)	Monitor Inputs	1 x HDMI 1.4, 1 x DisplayPort 1.2, 1 x VGA (D-Sub)
Panel Type	IPS, LED backlight, ZeroFrame (frameless) design	Audio	2 x 2W built-in speakers, headphone output, audio input
Refresh Rate	120 Hz	Ergonomic Stand	<ul style="list-style-type: none"> • Height adjustment: up to 165 mm • Tilt: -5° to 35° • Swivel: -60° to 60° • Pivot: -90° to 90° (portrait mode)
Response Time	4 ms (GTG)	VESA Mount	100 x 100 mm, wall mountable
Brightness	250 cd/m ²	Security	Kensington cable lock slot
Contrast Ratio	1500:1 (typical)		
Colour	16.7 million colours, 99% sRGB		
Adaptive Sync	VESA AdaptiveSync		
Eye Care	Flicker-free, Low Blue Light technology		

Technical Specifications (cont.)

Monitor Dimensions 612.1 x 200.1 x 387.2 mm (with stand), 5.64 kg

Sustainability ENERGY STAR, EPEAT Gold, TCO certified

Energy Rating Class C (SDR), 14 kWh per 1000 hours, 10W typical

Cable Included 5 m HDMI cable and UK power cable

Included Keyboard & Mouse

Model Lenovo Wireless Multi-Mode Pro Combo Keyboard and Mouse 6000

Mouse Silent ambidextrous mouse, IR LED optical sensor, up to 4000 dpi, 4-way scrolling

Connection 2.4 GHz via Lenovo Pro Unified Pairing Receiver or Bluetooth 5.3 (dual mode)

Mouse Button Life Up to 5 million clicks (left and right buttons)

Encryption AES 128-bit encryption on all keystrokes and clicks

Battery Life Up to 36 months (keyboard: 2 x AAA, mouse: 1 x AA) - batteries included

Keyboard Design Silent, sculpted low-profile keys, tilt legs (6° / 9°)

Sustainability Keyboard and mouse covers: 95% post-consumer recycled content

Key Lifecycle Up to 10 million keystrokes

Software

Operating System Windows 11 Pro (licenced & pre-installed)

MOT Software Bowmonk MTS Connected (pre-installed)

Technical Specifications (cont.)

- Remote Setup** Included remote technician commissioning:
- DVSA site key configuration
 - BrakeCheck / Tapley meter pairing
 - System verification and go-live

Power

PC Input Voltage	DC 12V	Monitor Power	Internal PSU, 10W typical, 0.5W standby, 0.3W off
PC Power Adapter	12V 7.5A (90W) adapter included, UK plug		

PC Chassis

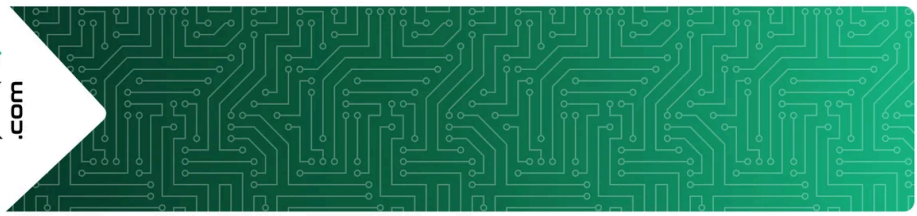
Construction	Aluminium alloy chassis	Mounting	VESA bracket (included), wall mount or none
Cooling	Passive cooling - chassis acts as heat sink	PC Dimensions	170 mm (L) x 140 mm (W) x 53 mm (H)
		PC Weight	1.1 kg

Environment

Operating Temperature	-20°C to 50°C (-4°F to 122°F) with SSD, surface airflow	Relative Humidity	5-95% (non-condensing)
		EMC	CE / FCC Class A

Security

TPM	TPM 2.0 security encryption	Watchdog	Programmable watchdog timer (level 0-255)
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Technical Specifications (cont.)

Other Power-on recovery, timed startup, network wake (WoL), PXE boot

Compliance & Warranty

MOT Compliance Meets DVSA MOT Testing Service IT Specification

Warranty 2 years RTB as standard, extendable to 3 or 5 years

Certifications

- CE
- FCC Class A
- RoHS Compliant
- WEEE Compliance Scheme member

Support Priority UK phone and email support from Norwich

Ordering Information

Part Number	Description
DuroBox Pro Kit	DuroBox Pro PC (Intel i5 1235U, 16 GB DDR5, 500 GB NVMe SSD) + Acer Vero B277G 27" IPS monitor with USB hub, adjustable stand, 5 m HDMI cable, Lenovo Wireless Multi-Mode Pro 6000 keyboard and mouse with USB receiver and batteries, Windows 11 Pro, Bowmonk MTS Connected, VESA bracket, 2 x Wi-Fi/BT antennas, power adapters (UK), quick start guide, warranty card, 2-year warranty
DuroBox Pro PC Unit	DuroBox Pro PC (Intel i5 1235U, 16 GB DDR5, 500 GB NVMe SSD), Windows 11 Pro, Bowmonk MTS Connected, VESA bracket, 2 x Wi-Fi/BT antennas, 12V power adapter (UK), quick start guide, warranty card, 2-year warranty

Specifications are subject to change without notice. E&OE.

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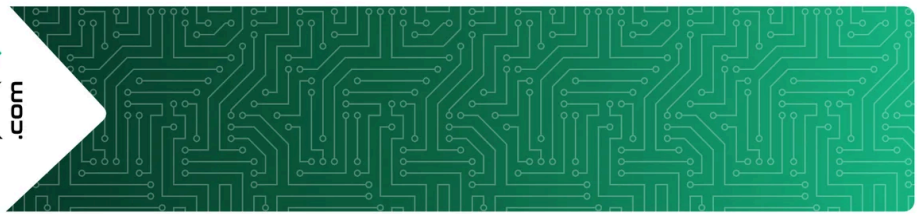
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Product Gallery



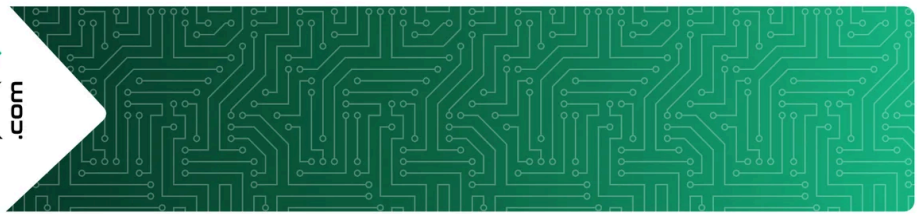
Product Gallery (cont.)





Product Gallery (cont.)





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