

DuroBox Standard Kit

The Complete MOT Workstation - Everything You Need, Ready to Go

Part of the DuroBox family



Product Overview

DuroBox Standard Kit is a complete, ready-to-use MOT workstation built around a fanless, rugged PC purpose-built for workshops, garages and other demanding environments where standard computers fail. Passive cooling eliminates fans entirely - no air intakes means no dust ingress, no clogged vents and no moving parts to wear out. The aluminium chassis acts as a heat sink, keeping the system running cool and quiet in dusty, dirty conditions.

The Standard Kit ships with a 24-inch IPS monitor, spill-resistant keyboard and full-size optical mouse - everything needed to get up and running. The Lenovo keyboard features a waterproof membrane and low-profile island-style keys built to shrug off the inevitable workshop spills, while the 1600 dpi mouse delivers smooth, precise control. Every kit is pre-configured with Windows 11 Pro and Bowmonk MTS Connected software. Once delivered, a remote Techeonix technician handles DVSA site key setup, equipment pairing with your BrakeCheck or Tapley meter, and final commissioning - so you are compliant and operational immediately with no IT skills required.

There is nothing extra to source, licence or configure. The box contains the PC, monitor, stand, 3-metre HDMI cable, keyboard, mouse and all power adapters with UK plugs - one delivery, one setup call, and you are testing. Windows 11 Pro and Bowmonk MTS Connected are already installed and activated, so there are no licence keys to chase and no software downloads to manage on site. A remote Techeonix technician completes the DVSA registration, pairs your brake tester and verifies the system end-to-end before signing it off as operational.

Product Highlights (cont.)

- Complete workstation: DuroBox PC, 24" IPS monitor, spill-resistant keyboard and mouse
- Fanless PC design - reduced dust ingress, no moving parts
- Intel Core i3-1215U, 6 cores / 8 threads, up to 4.4 GHz
- 8 GB DDR5 RAM, 250 GB NVMe SSD
- 24" IPS monitor - Full HD 1920x1080, 120 Hz, 1 ms response, AdaptiveSync
- Spill-resistant keyboard with waterproof membrane - built for workshop environments
- 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 (4 x USB 3.2, 2x USB 2.0)
- 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
- Compact and lightweight PC unit - 170 x 140 x 53 mm, 1.1 kg
- 2-year warranty as standard, extendable to 3 or 5 years
- Direct UK engineering support from Norwich - phone and email

Applications

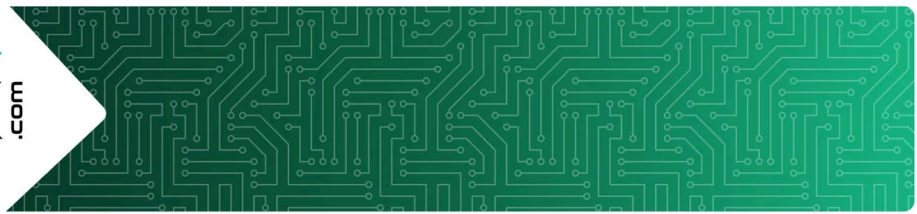
MOT Testing Stations

Garage & Workshop PCs

Calibration Stations

Admin & Invoicing Workstations

Dispatch & Postroom PCs

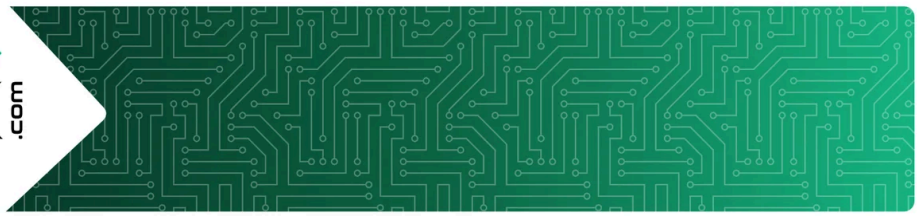


Technical Specifications

System	
CPU	Intel Core i3-1215U, 6 cores / 8 threads, up to 4.4 GHz (12th Gen)
Graphics	Intel UHD Graphics (integrated)
BIOS	Custom Techeonix UEFI BIOS
RAM	8 GB DDR5-5600 (1 x SO-DIMM, expandable to 32 GB)
Storage	<ul style="list-style-type: none"> 250 GB M.2 2280 NVMe SSD (PCIe 3.0) (expandable) 1 x 2.5-inch SATA bay (available for additional storage)
USB	4 x USB 3.2, 2 x USB 2.0 - 6 ports total
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 KA242YG (KA2 series)



Technical Specifications (cont.)

Screen Size	60.5 cm (23.8") diagonal	Adaptive Sync	VESA AdaptiveSync
Resolution	1920 x 1080 (Full HD)	Monitor Inputs	1 x HDMI 1.4, 1 x VGA (D-Sub)
Panel Type	IPS, LED backlight	VESA Mount	100 x 100 mm
Refresh Rate	120 Hz	Tilt Adjustment	-5° to 25°
Response Time	4 ms (GTG) / 1 ms (MPRT)	Monitor Dimensions	540.3 x 185 x 423.1 mm (with stand), 3.07 kg
Contrast Ratio	1500:1 (typical)	Energy Rating	Class B (SDR), 9 kWh per 1000 hours
Colour Depth	16.7 million colours	Cable Included	3 m HDMI cable, UK Power Cable

Included Keyboard & Mouse			
Model	Lenovo Essential Wired Keyboard and Mouse Combo	Key Lifecycle	Up to 10 million keystrokes
Connection	Wired USB, plug and play	Keyboard Features	FN media controls, adjustable tilt legs, Caps Lock and Num Lock LEDs
Keyboard Design	Spill-resistant with waterproof membrane, low-profile island-style keys		

Technical Specifications (cont.)

Mouse Full-size ergonomic optical mouse, 1600 dpi

Software

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

MOT Software Bowmonk MTS Connected (pre-installed)

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

PC Power Adapter 12V 7.5A (90W) adapter included, UK plug

Monitor Power Internal PSU, 0.5W standby, 0.3W off

PC Chassis

Construction Aluminium alloy chassis

Mounting VESA bracket (included), wall mount or none

Cooling Passive cooling - chassis acts as heat sink

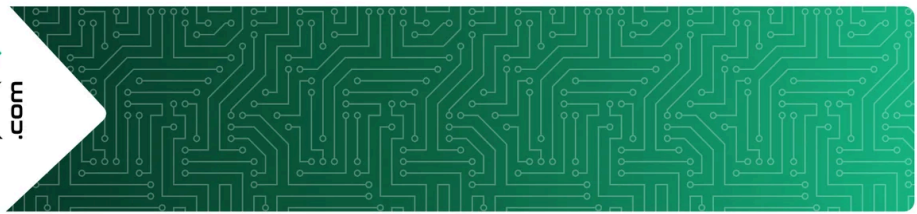
PC Dimensions 170 mm (L) x 140 mm (W) x 53 mm (H)

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)



Technical Specifications (cont.)

EMC CE / FCC Class A

Security

TPM TPM 2.0 security encryption

Watchdog Programmable watchdog timer (level 0-255)

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

Compliance & Warranty

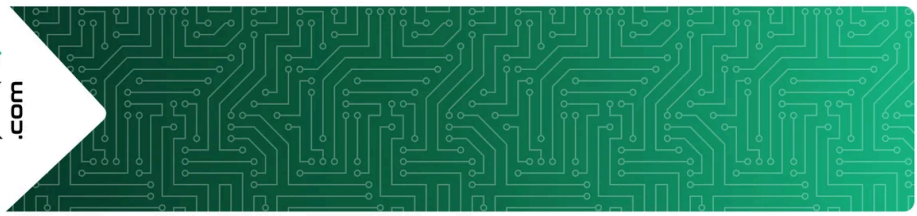
MOT Compliance Meets DVSA MOT Testing Service IT Specification

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

Certifications

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

Support Direct UK phone and email support from Norwich



Ordering Information

Part Number	Description
DuroBox Standard Kit	DuroBox PC (Intel i3-1215U, 8 GB DDR5, 250 GB NVMe SSD) + Acer KA242YG 24" IPS monitor, desk stand, 3 m HDMI cable, Lenovo Essential Wired Keyboard and Mouse Combo (spill-resistant), Windows 11 Pro, Bowmonk MTS Connected, VESA bracket, 2 x Wi-Fi/BT antennas, power adapters (UK), quick start guide, 2-year warranty
DuroBox PC Unit	DuroBox PC (Intel i3-1215U, 8 GB DDR5, 250 GB NVMe SSD), Windows 11 Pro, Bowmonk MTS Connected, VESA bracket, 2 x Wi-Fi/BT antennas, 12V power adapter (UK), quick start guide, 2-year warranty

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

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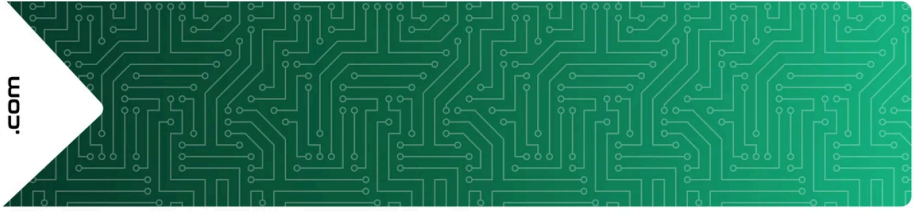
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Product Gallery



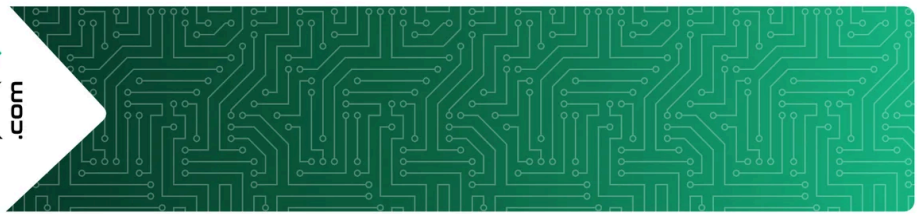
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