

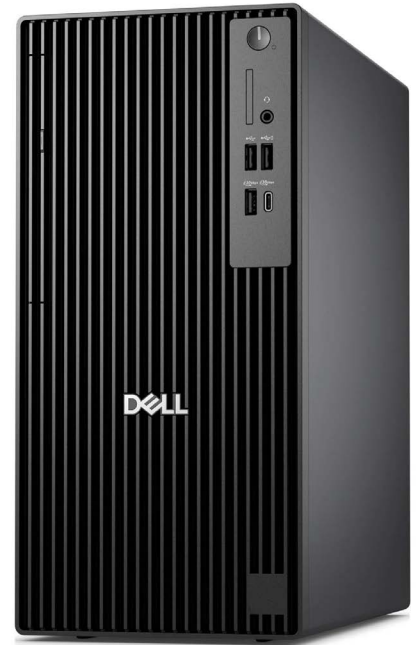
HIGH-PERFORMANCE PC DYNAMIC AND FATIGUE TEST SYSTEMS

Product Overview & Specifications

The Instron supplied high performance PC is specifically designed for use with Dynamic and Fatigue testing systems. Optimized to deliver reliable performance, this PC seamlessly integrates with the test system and supports the use of proprietary Console, WaveMatrix3 and Bluehill software plus other applications where high-speed data handling and system control are essential.

FEATURES

- High-reliability PC designed for dynamic and static test environments
- 20-core Intel® processor supporting demanding real-time operations
- Primary Solid-State Drive (SSD) facilitates rapid booting and software loading times
- Integrated secondary SATA hard drive for fast storage and transfer of long-duration test data
- Integrated Ethernet ports deliver direct and reliable connectivity to the digital controller and provide optional connectivity to a local network
- Multiple video outputs for laboratory-grade monitor setups
- Fully compatible with Windows 11 and Instron control and analysis software



SPECIFICATIONS

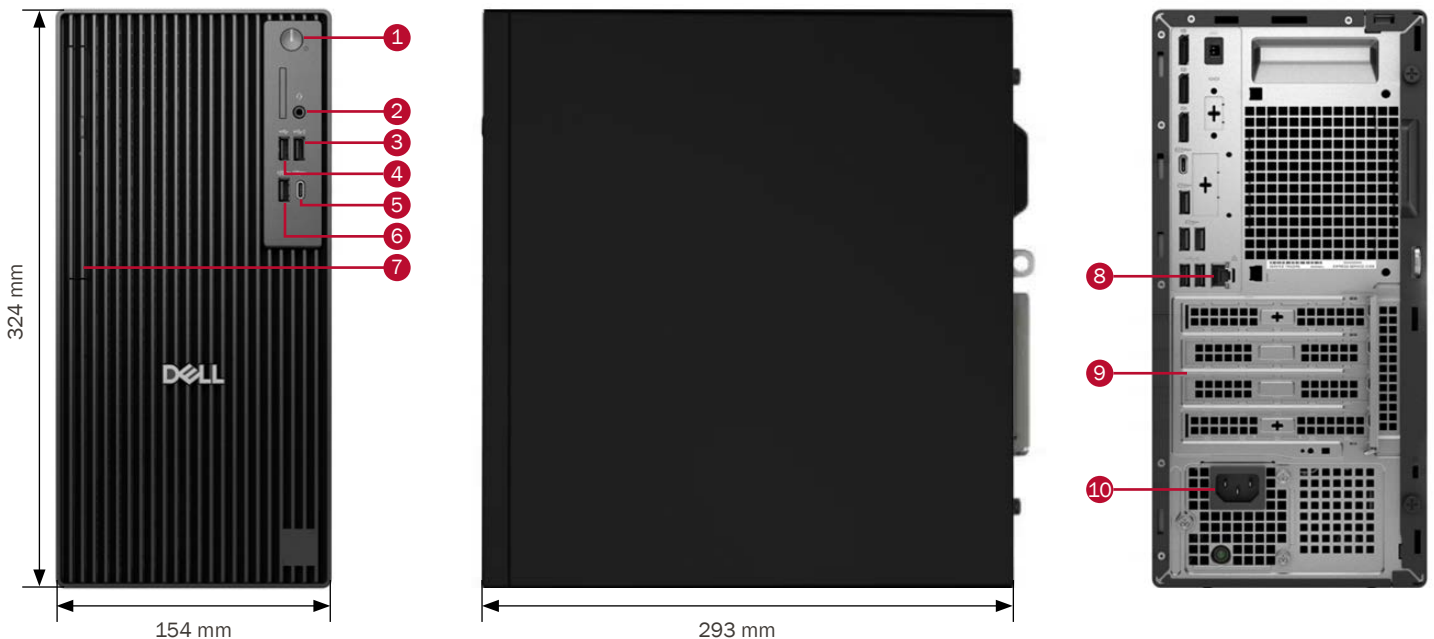
Model	Dell Pro Tower Plus XE5 QBT1250
Processor	Intel(R) Core(TM) Ultra 7 265 (13 TOPS NPU, 20 cores, up to 5.3GHz)
RAM Installed	8GB
Hard Disk	256GB Solid State Drive + 2TB (7200 rpm) SATA Hard Drive
CD-ROM Drive	8x DVD +/- RW
USB Ports	10 (Note: Mouse and Keyboard use 2 ports)
Parallel Ports	0
Serial Ports	1
Network Interface	RJ-45 (Integrated)
Video	Intel Integrated Graphics, 3 Display Ports
Audio	Integrated
Expansion Slots	1 Full-height PCIe x1 slot, 1 Full-height PCIe x16 slot, 1 Full-height PCIe x4 open-end slot, 1 Full-height PCIe x4 slot
Power Supply	360 Watt
Package Style	Compact Pro Tower
Operating System	Windows 11 Pro (64 Bit)
Dimensions	Width: 154 mm (6.60 in.), Depth: 293 mm (11.54 in.), Height: 324.30 mm (12.77 in.)
Starting Weight	5.73 kg (12.63 lb)

MINIMUM REQUIRED SPECIFICATIONS FOR CUSTOMER SUPPLIED PC

If you are providing your own PC, then please ensure it meets the minimum specifications outlined below:

- Microsoft Windows 11 Professional*
- 3.6 GHz Quad-Core CPU (Intel)
- 8GB RAM
- Hard Drive (Solid State Drive recommended): 30 GB free disk space for software installation plus sufficient free space for acquired data (100GB+ recommended)
- DVD Drive to install any legacy software
- Dedicated Gigabit Ethernet Interface PC/PCIe Card and Ethernet Port (the PC should have 2 Ethernet Cards/Ports if network access is needed)
- Full HD (1920 x 1080) or higher-resolution video adapter and monitor
- USB ports to connect to peripheral devices including environmental chambers and furnaces
- Microsoft Windows PC compatible Keyboard and Mouse (or compatible pointing device)

**Microsoft support for Windows 10 Professional ended on October 14th 2025. Other unsupported operating systems include Windows XP, 7, 10 and their predecessors. To avoid any disruption to your Instron equipment, we advise you to proactively assess your current Instron computers and software for Windows 11 compatibility. This will allow you to plan and integrate any required updates seamlessly into your organization's Windows 11 migration schedule.*



1) Power button with diagnostic LED. **2)** Global headset jack. **3)** USB 2.0 (480 Mbps) with PowerShare port. **4)** USB 2.0 (480 Mbps) port. **5)** USB 3.2 Gen 2x2 (20 Gbps) Type-C port. **6)** USB 3.2 Gen 2 (10 Gbps) port. **7)** Slim optical drive. **8)** Ethernet port. **9)** PCIe Slots. **10)** Power-cord connector port.

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