

WinStress Pro USB (W.S.T. Pro USB)

About W.S.T. PRO

WinStress Test Professional (W.S.T. PRO) is a comprehensive Windows-based diagnostic and stability exerciser for all stages of the PC lifecycle. Designed to rigorously test and confirm reliability of core hardware components in a Windows environment, WinStress Test Professional helps reduce your product returns, NTF (No-Trouble Found) and unnecessary On-Site Engineer Deployment. WinStress Test Professional also provides meticulous System Inventory & Configuration Information, perfect solution for evaluating systems.

Product Highlights

Stress Testing & Diagnostics

Using advanced simulation means, you can stress test the overall performance and stability of a computer under normal and abnormal excessive loads to ensure that core hardware components in a Windows environment will perform at speeds your customers expect.

Stress tests are designed to find the failure limits of a computer by simultaneously exercising all major components of the system including: Motherboard, Processor, Memory, Storage Drives, Removable Drives(Floppy/Zip/CD/DVD/USB/Firewire/CompactFlash/etc), Network Adapters, Sound Card, Video Graphics Card, Monitor, Keyboard, Mouse, LPT & COM Ports and printers, Stress tests can be configured to run loops, so every time a test completes it restarts automatically. This continues until the test is manually stopped or until the system crashes, whichever comes first.

Unlike the Standard version, WinStress Professional adds advanced and flexible testing to simultaneously stress test multiple processors and disk drives as well as configure tests specific to each component. For example, not only can you select from simultaneously stress testing multiple processors and disk drives as well as configure tests specific to each component. For example, not only can you select from simultaneously stress testing multiple Hard Disks, CD & DVD ROMs, ZIP FLASH Media, USB & Firewire External Drives, Floppy and other disk drives, but you can now configure to run a read, write, and/or drive to drive test.

All the individual tests that comprise the stress test can be run as standalone tests. This provides the flexibility to stress test particular subsystems by themselves. This also provides some additional testing options such as Motherboard Checksum, PCI & ACPI Testing, Surround Sound Testing, Complete DirectX & OpenGL Testing, Network FTP Upload/Download to user configurable FTP server Testing, and more.

- To be continued next page -

Multiple Burn-In Methods

W.S.T. PRO can be utilized in 3 different methods to Burn-In systems.

- **Stress Test Burn-In**
Simultaneously Burn-In multiple-core components and devices by Stress Testing the entire system under an intense windows stress load.
- **Individual Core Component Burn-In**
Individually test a core component or device for a specified amount of time..
- **Standard Burn-In**
Automatically Burn-in multiple core components and devices to isolate random intermittent failures which may surface during extended testing sessions(such as RAM problems).

Interlinks with other Ultra-X Products

WinStress Test Professional is also capable of interlinking with other Ultra-X hardware diagnostic tools. Utilizing Proprietary Interlinking Technology, WinStress Test Professional is able to communicate with the PCI Gen when testing system memory. PCI Gen subsequently generates memory transfers without CPU intervention using direct PCI to memory controller access. This allows WinStress to detect problems that may occur when the PCI Bus is communicating directly with RAM under heavy Bus load.

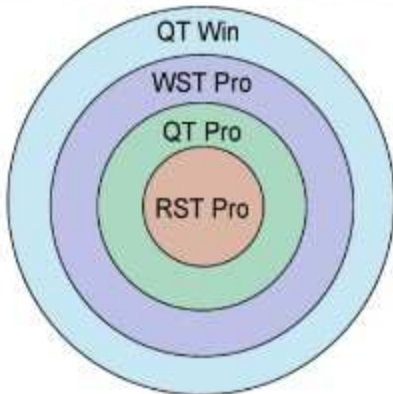
Complete & Meticulous System Information

W.S.T. PRO offers a complete System information function. This feature allows you to acquire all hardware and software system information. All information is displayed on screen and may also be printed or saved to a file.

Who Should Use W.S.T. PRO?

W.S.T. PRO is designed for System Builders, Design Engineers, and PC Service Professionals.

QuickCast DDR



Ultra-X Products Classification

Test Environment	Without OS	Without OS	Window	Window	window
Products Name	RST Pro	QT Pro	W.S.T.	W.S.T. Pro	QT Win
Individual Version	USB	USB	USB	USB	USB
Netware Version	QuickCAST DDR	QuickCAST DDR	QuickCAST DDR	QuickCAST DDR	QuickCAST DDR

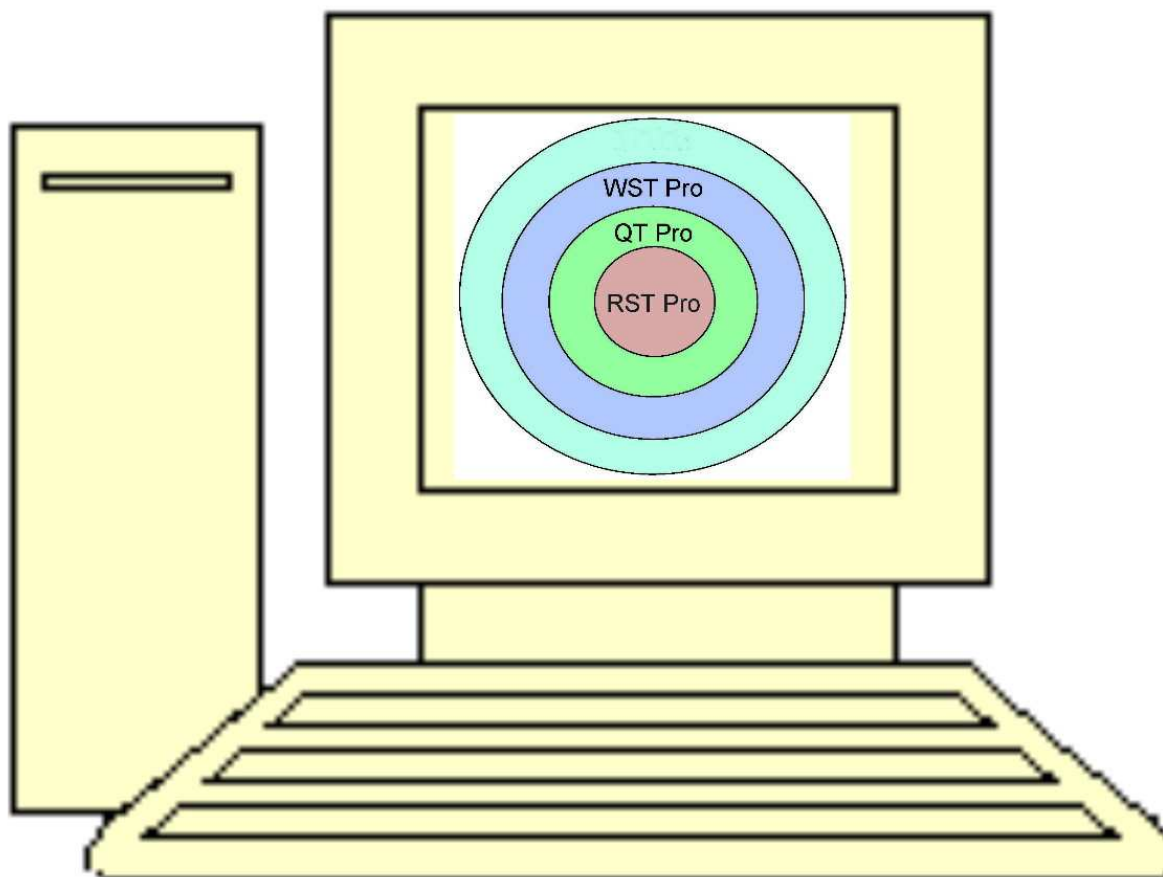
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Ultra-X's Top One Multi-Shell Target Stress Test Tools

Ultra-X 提供全球唯一多層標靶式壓迫性電腦驗測工具



Difficult to understand the complex PC's need to Stress testing validated tools which written by assembly language, in order to ensure the stability and reliability of computers, Ultra-X offers a complete Multi-shell Stress Test as follows:

1. **WinStress Pro USB** – Outside layer Stress Testing (Window base Stress Test)
2. **Quick Tech Pro USB** – Middle layer Stress Testing (PC bottom layer hardware peripherals Test)
3. **RST Pro USB/PCIe and RST Premium** – Inside layer Multi-core Stress Testing (CPU – Memory Multi-core System Performance Test)

複雜難懂的電腦需要經過 Assembly 組合語言所寫的測試工具作壓迫性測試，才能確保電腦的穩定性和可靠性，Ultra-X 提供完整多核心壓迫性測試如下：

1. **WinStress Pro USB** 外層壓迫性測試 (視窗環境壓迫性測試)
2. **Quick Tech Pro USB** 中層壓迫性測試 (電腦底層硬體周邊測試)
3. **RST Pro USB/PCIe & RST Premium** - 內層多核心壓迫性測試 (CPU – Memory)多核心系統效能測試)

Ultra-X 產品分類表

測試環境	Test Environment	Without OS	Without OS	Window
產品名稱	Products Name	RST Pro	QT Pro	W.S.T. Pro
個人單版	Individual Version	USB	USB	USB
測試時間約	Test Time	60 分	30 分	10 分

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