

HP Mini-White Paper

HP Z600 Workstation Product Design Highlights

HP presents a brand-new, user-centric system with the HP Z600 Workstation. Without compromising the rack-ability of our mid-range workstations, it introduces several innovative features that build upon HP's record of industry-leading chassis design. The Z600 also continues the tradition of quiet acoustics and high reliability.

Mobility

With its handles and small size, one can easily transport the Z600. Slick foot pads allow it to slide effortlessly on a wide variety of surfaces.

Clean Cable Design

No longer is the user confronted with a profusion of cables when upgrading. A new layout routes most of the cables behind the right side panel, and the power supply, memory fan, and hard drives connect directly to the system upon installation. One no longer needs to search for cables when configuring these components.

Additional Tool-free Features

Expanding HP's long list of tool-free components is the addition of the power supply and motherboard. These components can be serviced with the pull of a handle or twist of a latch. The Z600 continues the use of intuitive tool-free mechanisms for servicing the hard drives, optical drives, and PCI-Express cards.

Quiet & Reliable

Acoustic noise is very important to HP and its customers because a noisy environment increases user fatigue and reduces productivity. HP extends its leadership in this area with the Z600, which was designed from the start for thermal and acoustic efficiency. The system is arranged so that sensitive components such as memory and hard drives receive fresh air. The innovative power supply extends from the front of the system to the rear, ensuring that no pre-heated air is circulated through. With internal fans distributed throughout the system, airflow is targeted at the highest-power components. HP's advanced algorithms control fan speeds instantaneously based on system configuration and workload, so that the user gets the best of both worlds: industry-leading acoustics and uncompromising reliability.

While HP emphasizes low acoustics and thermal reliability, it is important that the system can stand up to difficult physical conditions. The Z600's sturdy chassis handles high shock and vibration environments with ease. Rigorous climatic and dynamic testing guarantees that HP Workstations are highly reliable in demanding conditions.

Personal Again

The HP Z600 Workstation elevates the customer experience to another level with its sophisticated product design. Packed into the smallest dual-socket workstation available are handles for high mobility, a clean user interface, the most extensive list of tool-free components in the industry, whisper-quiet acoustics, and high reliability. Not only is the Z600 rich in features, but it also boasts a sleek and modern look extending from the exterior to the interior. Showcasing the use of high-quality true materials, the Z600 makes a strong statement of powerful performance. The next generation of workstations has arrived.

