



EliteBook 6930p

RELIABILITY

HP Business Notebook PCs
Driving Higher Standards



INTRODUCING HP ELITEBOOK NOTEBOOK PCs

HP DURACASE

Full magnesium alloy chassis creates an incredibly strong, durable case for protecting your notebook from the rigors of daily mobile use.

Magnesium/aluminum display enclosure consists of an aluminum outer cover bonded to a magnesium-alloy substructure for exceptional strength and impact protection.

Anodized aluminum palm-rest surface provides an attractive, scratch-resistant working surface.

Metal alloy hinges with hardened steel pin axles are designed to withstand the stress of frequent opening and closing.

Reinforced metal pins and hooks firmly secure both halves of the notebook with a four-point lock-down mechanism when the lid is closed, helping protect your system from shock and side impacts.

BUSINESS-RUGGED DESIGN

HP EliteBook PCs are engineered to meet U.S. military standards for specific environmental reliability tests (MIL-STD 810F).¹ Our business-rugged notebooks are tested for performance at extreme temperatures and high altitudes, and subjected to punishing drops, bumps, and vibration. Wouldn't you like to know your notebook can take a little punishment?



HP COMPAQ



BUSINESS SERIES

- HP DuraFinish
- Magnesium alloy support structure
- Metal alloy hinges
- Touch-sensitive controls
- Spill-resistant keyboard

HP ELITEBOOK



PROFESSIONAL AND WORKSTATION SERIES

- Business-rugged engineering
- HP DuraCase
 - Full magnesium alloy chassis
 - Magnesium/aluminum display enclosure
 - Anodized aluminum palm-rest surface
 - Metal alloy hinges
 - Display latch with four-point lock down
- HP DuraFinish
- HP DuraKeys
- Touch-sensitive controls
- Spill-resistant keyboard



HARD DRIVE PROTECTION

HP 3D DriveGuard helps protect the information on your hard drive from damage caused by bumps, drops, and shocks. A three-axis digital accelerometer senses sudden movement in any direction, which enables the system to park the drive head before impact. Mounting the drive securely to the notebook support structure provides additional passive protection from shock and vibration.

The **Upgrade Bay** with dual hard drive support makes it possible to replace the standard optical drive with options such as a next-generation optical drive or secondary hard drive. HP 3D DriveGuard extends its protection to the secondary hard drive. The Upgrade Bay is available on all business, professional, and workstation models, excluding ultra-light notebooks.

RAID 1 Mirroring allows a notebook with dual hard drives to maintain duplicate copies of all important data—one copy on each drive. If either drive should fail, the other would immediately take over without any impact on data integrity or notebook performance. This protection is available for all professional and workstation models, excluding ultra-light notebooks.

Solid State Drives are available as an alternatives to conventional hard drives on some notebooks. Without any moving parts, solid-state drives virtually eliminate mechanical delays and dramatically reduce the risk of system failure.



HP BATTERY SOLUTIONS

HP Batteries provide consistent, reliable, long-lasting performance by incorporating strict quality controls, extensive testing, and multiple redundant safety features.

HP Fast Charge recharges the primary battery to 90 percent of its full capacity in 90 minutes, then diverts the charging current to a secondary battery (if one is connected).² Because charging the last 10 percent takes the most time, this helps you achieve a greater total charge on two batteries more quickly.

HP also offers a family of external batteries that provide best-in-class notebook runtime. In combination with your primary battery, an optional **HP Extended Life Battery** or **HP Ultra-Capacity Battery** (sold separately) can extend your productivity for true all-day computing.³



A. Fire-retardant casing
B. Flexible circuit interconnects

C. Barrier wall
D. Conformal coating for PCA



HP TOTAL TEST PROCESS

Every new business notebook design is subjected to the HP Total Test Process—95,000 hours and 50,000 steps. This comprehensive, rigorous testing helps ensure superior quality and reliability in a wide range of applications and operating environments.

- Drop, shock, and vibration testing
- Hard drive testing
- Keyboard and button testing
- Display panel testing
- Electrical testing
- Mechanical testing
- Environmental testing
- U.S. military reliability testing (MIL-STD 810F)

CONTINUOUS IMPROVEMENT

From design and development through production and testing and on into the workplace—we're alert for any opportunity to improve quality, and everything we learn goes into making the next generation of HP Business Notebook PCs the best it can be.

HP ELITEBOOK RELIABILITY FEATURES

HP DuraFinish is a durable, scratch-resistant surface treatment that helps protect your notebook's palm rest, display cover, and touchpad from daily use.⁴

HP DuraKeys preserves the keys' finish and printed characters, making your keyboard 50 times more resistant to visible wear.

HP Panel Protection System uses a series of soft rubber pads to prevent accidental contact between the display and the keyboard deck when the notebook is closed.

Spill-resistant keyboard places a thin Mylar film between the keyboard and the critical, sensitive electronic components of your notebook, helping to guard against minor, accidental spills.

Touch-sensitive controls are intuitive, stylish, and durable, with a reliable solid-state design that's highly resistant to particles and moisture.





1. MIL-STD-810F testing was not intended to demonstrate fitness for U.S. Department of Defense contracts or for military use. Test results are not a guarantee of future performance under these test conditions.

2. HP Fast Charge technology recharges your battery up to 90 percent within 90 minutes when the system is off. HP Fast Charge technology does not apply to 9-cell primary batteries or 12-cell HP Ultra-Capacity Batteries.

3. Battery life will vary depending on the product model, configuration, loaded applications, features, and power management settings. The maximum capacity of the battery will decrease with time and use. Sixteen-hour battery life results were obtained using the 6910p notebook with the HP Ultra-Capacity Battery.

4. HP DuraFinish touchpad protection is only available on professional and workstation models.

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