HP EliteBook Ultra

HP EliteBook Ultra ⇒ **This is a premium 2-in-1 convertible laptop with a slim design, often under 1.5 inches thick.**

Features:

- **Intel Core i5/i7** processors.
- Long battery life (up to 20+ hours on certain configurations).
- Optional 4K or FHD touch display.
- Military-grade durability (MIL-STD 810G).
- Advanced security features (fingerprint scanner, IR camera, etc.).

2. HP EliteBook 800 Series

The HP EliteBook 800 series, such as the EliteBook 840 and 850, are thin and lightweight yet still powerful business laptops.

Features:

- 13.3-inch or 15.6-inch screen size options.
- Powered by Intel Core processors (up to i7 or i9).
- Slim profile (around 0.7 inches thick).
- Fast charging, long battery life, and premium build quality.
- Strong security suite, including TPM, privacy camera, and HP Sure View (privacy screen).

3. HP Elite Dragonfly

A part of HP's premium ultra-lightweight business laptop range.

Features:

- Magnesium alloy chassis for a lightweight feel (~2.2 lbs).
- Intel Core i5/i7 processors, up to 16 GB RAM.
- 13.3-inch touchscreen with ultra-narrow bezels.
- Advanced security features.
- 4G LTE/5G options for mobile connectivity.
- Up to 24.5 hours of battery life.

Key Features of HP Elite Books (Ultra-Thin Models)

- **Thin & Lightweight Design:** These models are known for their sleek, business-centric form factor, typically ranging between 0.6-0.75 inches in thickness and weighing between 2.5 to 3.5 lbs.
- **High Performance:** Typically equipped with Intel Core i5/i7/i9 processors, offering fast and efficient performance for business tasks.
- **Security Features**: They often come with biometric authentication (fingerprint or facial recognition), secure encryption options, and various enterprise-grade security features.
- **Long Battery Life**: Many HP Elite Books feature long-lasting batteries that can easily get you through a full workday.
- **Durability:** These models are built to withstand business environments, often meeting MIL-STD-810G military durability standards.

The HP EliteBook x360 series are premium 2-in-1 laptops that combine powerful performance with versatility. The "x360" refers to the 360-degree hinge that allows the device to be used in various modes, including laptop, tent, stand, or tablet mode.
Key Features:

Design & Build:

- **Lightweight** and ultra-slim, typically around 0.6 inches in thickness and weighing about 2.8 to 3 lbs.
- **Aluminum chassis** with an elegant finish, available in different colors (e.g., Silver, Nightfall Black).
- **Military-grade durability** (MIL-STD 810G certified) for resistance to shock, vibrations, and other environmental stress.

Performance:

- **Powered by Intel Core** i5/i7 processors (up to Intel vPro versions for business users).
- **8GB to 32GB** of RAM, depending on the configuration, with options for fast SSD storage (up to 1TB).
- **The Intel UHD** or Iris Plus graphics provide adequate performance for office tasks, video conferencing, and media consumption, though it's not intended for gaming or intensive graphical tasks.

Display:

- **13.3-inch Full HD** (1920x1080) or 4K UHD touchscreen displays.
- **Some configurations** offer HP Sure View (privacy screen) for added security in public spaces, making it difficult for others to see your screen from an angle.
- **The high-brightness** screens are designed for working in a variety of lighting conditions, including outdoor or bright office environments.

Battery Life:

- **Long-lasting,** typically up to 20-24 hours on specific configurations with the long battery life option (depending on usage).
- **Fast charging** (typically 50% in 30 minutes with HP Fast Charge).

Security:

- **HP Sure Start** for BIOS recovery and protection from malware.
- **HP Privacy** Camera (a physical shutter for the webcam), and HP Sure View for data protection.

- **HP EliteBook x360 830 G7:** 13.3-inch, i5/i7 processors, up to 32GB RAM, up to 1TB SSD.
- **HP EliteBook x360 1040 G7**: Larger 14-inch display, with similar specs, for users who prefer a slightly larger screen but still want an ultra-thin form factor.

2. HP EliteBook 800 Series

- **The HP EliteBook** 800 series is designed for users who need powerful performance in a thin, lightweight business laptop. These laptops are generally slightly thicker than the x360 models but offer a traditional clamshell form factor.

Key Features:

Design & Build:

- **Slim and** lightweight with a solid aluminum alloy body.
- **Around 0.7 inches** thick and weighing 2.5 to 3.5 lbs, depending on screen size and configuration.
- **MIL-STD-810G** certification for durability, making them resistant to common bumps, drops, and spills.

Performance:

- **Powered by Intel Core i5/i7/i9 processors**, with options for Intel v Pro for enterprise users who need additional security and management features.
- **Configurations** typically include 8GB to 32GB of RAM and up to 1TB of SSD storage for faster boot times and application loading.
- **Integrated** Intel UHD or Iris Plus graphics (again, not intended for high-end gaming or heavy graphics rendering).

Display:

- **13.3-inch**, 14-inch, or 15.6-inch Full HD (1920x1080) displays with optional touch capabilities.
- **The larger 15.6-inch options** offer more screen real estate, which is useful for multitasking or creative professionals.
- **Optional HP** Sure View (privacy screen) for enhanced privacy when working in public spaces.

Battery Life:

- **Like the x360** models, the EliteBook 800 series offers impressive battery life, with some models providing up to 18 hours depending on the configuration.

- **HP Sure Start** (self-healing BIOS) for enterprise security.
- **HP Sure Click** for secure browsing and data protection.
- **HP Client Security** Manager, offering tools like secure **login, password** manager, and data encryption.

- HP EliteBook 840 G7/G8: 14-inch display, Intel Core i5/i7 processors, up to 32GB RAM, and up to 1TB SSD.
- HP EliteBook 850 G7/G8: Larger 15.6-inch display, similar performance and features as the 840 series.

3. HP Elite Dragonfly

- **The HP Elite Dragonfly** is an ultra-lightweight, ultra-premium business laptop that blends style with top-notch performance. It's often considered one of the best ultra-light business laptops, perfect for professionals on the go.

Key Features:

Design & Build:

- Constructed with magnesium alloy, it's both durable and ultra-lightweight (weighs just 2.2 lbs).
- Super-slim profile, usually under 0.7 inches thick.
- Available in a Dark Blue or Sparkling Black finish, with an option for a natural wood or leather finish for a more premium look.

Performance:

- Equipped with the latest Intel Core i5/i7 processors, with up to 16GB of RAM and 512GB to 1TB SSD storage.
- Suitable for demanding business tasks, but not intended for gaming or heavy content creation.

Display:

- 13.3-inch Full HD or 4K display, with high brightness levels and optional touch support.
- Offers HP Sure View for privacy and better protection from prying eyes in public spaces.

Battery Life:

- With a 56Whr battery, the Dragonfly offers up to 24 hours of battery life depending on usage.
- It also supports HP Fast Charge, providing up to 50% charge in 30 minutes.

- Enhanced security features like HP Sure Start, HP Sure View, and Windows Hello (facial recognition or fingerprint scanning).
- Optional 5G or 4G LTE connectivity, making it ideal for remote work and staying connected on the go.

Models:

- HP Elite Dragonfly G2: Ultra-slim, lightweight, 13.3-inch, Intel Core i5/i7 with up to 16GB RAM and 1TB SSD.
- HP Elite Dragonfly G3: Latest generation with similar ultra-light features and improved performance specs.

4. HP EliteBook 700 Series

The HP EliteBook 700 Series is a budget-friendly line that retains the key enterprise features of the 800 and x360 models but is slightly less premium in terms of materials and design.

Key Features:

- Design: Slim and lightweight, but with less premium materials (typically plastic rather than aluminum).
- Performance: Intel Core i3/i5/i7 processors, up to 16GB RAM, and SSD storage options.
- Security: Fingerprint reader, TPM 2.0, and Smart Card reader.
- Display: Full HD display, but with fewer high-end display options (e.g., no 4K).