# iPhone 16 - Detailed Features

The iPhone 16 Pro Max sets a new standard for smartphones with its cutting-edge technology, sleek design, and unmatched performance. Below is a detailed list of its features.

## 1. Display

• 6.9-inch Super Retina XDR Display with ProMotion technology and Always-On functionality.  
• 120Hz refresh rate for ultra-smooth scrolling and responsive touch.  
• Ceramic Shield for enhanced durability and scratch resistance.

## 2. Performance

• Powered by the A18 Bionic chip with next-generation Neural Engine.  
• 5nm architecture ensuring unmatched speed and power efficiency.  
• Up to 2TB of storage, ideal for heavy multitasking and media storage.

## 3. Camera

• Triple-camera system with 48MP main sensor, ultra-wide, and telephoto lenses.  
• Enhanced Night mode, Photonic Engine, and Cinematic mode for professional-quality photos and videos.  
• 8K video recording and advanced AI processing for stunning clarity.

## 4. Battery

• All-day battery life with up to 30 hours of video playback.  
• Fast charging capable of reaching 50% charge in 30 minutes with a 30W adapter.  
• MagSafe and Qi wireless charging support.

## 5. Build and Design

• Aerospace-grade titanium frame for a premium look and feel.  
• Water and dust resistance (IP68 rating).  
• Available in four stunning colors: Space Black, Silver, Gold, and Deep Blue.

## 6. Connectivity

• 5G capable with enhanced download and upload speeds.  
• Wi-Fi 7 and Bluetooth 5.3 for seamless wireless connectivity.  
• Dual eSIM support for flexibility with mobile networks.

## 7. Additional Features

• Face ID with enhanced security and faster response times.  
• iOS 19 with advanced privacy and customization options.  
• Dynamic Island with interactive notifications and widgets.