**I Phone 16 pro max**

**Display:**

6.7-inch Super Retina XDR OLE

Resolution: 2778 x 1284 pixels at 458 ppi

Features: HDR10, Dolby Vision, True Tone, Wide color (P3), Haptic Touch

Brightness: 800 nits (typical), 1200 nits (HDR)

**Performance**:

A18 Pro chip built on 3nm process (2nd-gen), Apple's fastest yet

6-core (2 high-performance + 4 efficiency cores)

6-core Apple GPU with hardware-accelerated ray tracing

**Cameras**:

Aperture: f/2.2

2.5x optical zoom in.

Up to 12x digital zoom.

Portraits look crisp and clear with great bokeh effect due to optical zoom.

**Battery**:

Battery Capacity: 3,687 mAh

Battery Life (Apple Estimates):

Video Playback: Up to 20 hours.

Talk Time: Up to 12 hours of continuous talk time