

OnePlus 10 mobile

OnePlus 10 mobile It seems like you're asking about the OnePlus 10, but as of now (2024), OnePlus has not officially released a phone with that exact name.

1. OnePlus 10 Pro (Released in 2022)

- Display: 6.7-inch QHD+ AMOLED, 120Hz refresh rate
- Processor: Snapdragon 8 Gen 1
- Cameras:
- 48MP main (Sony IMX789)
- 50MP ultra-wide
- 8MP telephoto (3.3x optical zoom)
- OS: Oxygen OS (based on Android)

2. OnePlus 10T (Released in 2022)

- A slightly more affordable flagship with Snapdragon 8+ Gen 1 and 150W fast charging (in some regions).
- Could You Be Looking For?
- OnePlus 10R (A budget variant with DIMENSTY 8100-Max)?
- Or did you mean OnePlus 11 instead of "10"?

1. OnePlus 10 Pro (2022) – The Flagship

- Key Specs & Features:
- Chipset: Snapdragon 8 Gen 1 (Powerful but known for heating issues)
- Cameras:
- 48MP main (Sony IMX789, OIS)
- 50MP ultra-wide (150° FOV)
- 8MP telephoto (3.3x zoom)
- 32MP front camera
- Battery & Charging:
- 5,000mAh battery
- 80W wired (0-100% in ~32 mins)
- 50W wireless (OnePlus' first flagship with wireless charging)
- Software: Oxygen OS 12 (later updated to Oxygen OS 13/Android 14)
- Other Features:
- Hasselblad color tuning
- Alert Slider (classic OnePlus feature)
- IP68 rating (dust/water resistance)

Pros:

- Excellent display & smooth performance
- Good camera system (especially for portraits)
- Fast wired/wireless charging

Cons:

- Snapdragon 8 Gen 1 can overheat under heavy use
- No always-on display at launch (added later)
- Expensive compared to older OnePlus models

2. OnePlus 10T (2022) – The Speed Demon

- Key Differences from 10 Pro:
- Chipset: Snapdragon 8+ Gen 1 (more efficient, less heating)

- Charging: 150W Super VOOC (US: 125W, 0-100% in ~19 mins!)
- Display: 6.7" FHD+ AMOLED (120Hz, but not LTPO or QHD)
- Cameras:
- 50MP main (Sony IMX766)
- 8MP ultra-wide
- 2MP macro (weak point)
- Missing Features:
- No wireless charging
- No official IP rating
- Pros:
- Blazing-fast charging (150W is insane)
- Better thermals than 10 Pro (8+ Gen 1)
- More affordable than 10 Pro
- Cons:
- No Alert Slider (big deal for fans)
- Lower-res display & weaker cameras

3. OnePlus 10R (India/Global) – The Budget Alternative

- Chipset: MediaTek DIMENSTY 8100-Max
- Charging: 150W (India) / 80W (Global)
- Display: 6.7" FHD+ 120Hz AMOLED
- No Alert Slider, plastic frame
- Positioned as a cheaper 10T alternative but with a weaker chipset.

4. OnePlus 11 (2023) – The True Successor

- Chipset: Snapdragon 8 Gen 2 (much better efficiency)
- Cameras: 50MP (IMX890) + 48MP ultra-wide + 32MP telephoto (2x)
- Battery: 5,000mAh + 100W charging (no wireless in US)
- Display: 6.7" QHD+ 120Hz LTPO AMOLED
- Big Upgrade: Hasselblad tuning improved, better low-light photos

5. OnePlus 12 (2024) – The Latest Beast

- Chipset: Snapdragon 8 Gen 3
- Cameras: 50MP (LYT-808) + 64MP periscope (3x zoom) + 48MP ultra-wide
- New Features: Better cooling, IP65 rating, ultrasonic fingerprint

1. OnePlus 10 Pro: The Full Breakdown

- Display & Design
- LTPO 2.0 AMOLED: Adjusts from 1Hz (AOD) to 120Hz dynamically, saving battery.
- Peak Brightness: 1,300 nits (HDR), but newer phones like the OnePlus 12 hit 4,500 nits.
- Build: Gorilla Glass VICTUS (front/back), aluminum frame, IP68 rating (dust/water-resistant).
- Classic OnePlus Alert Slider (toggle for silent/vibrate/ring).
- Performance & Heating Issues
- Snapdragon 8 Gen 1: Powerful but throttles under heavy gaming (Gen shin Impact, COD Mobile).
- Cooling System: A large VC cooling plate helps, but the OnePlus 10T (8+ Gen 1) runs cooler.
- Benchmarks:
- An Tu Tu: ~950,000 (similar to Galaxy S22 Ultra).
- Geek bench 6: ~1,250 (single-core), ~3,800 (multi-core).

Camera: Hasselblad Partnership

- Main 48MP (IMX789): Great dynamic range, but struggles in low light vs. newer phones.
- 8MP Telephoto (3.3x): Decent zoom, but not as sharp as the OnePlus 11's 32MP (2x).
- Hasselblad Modes:
- X Pan Mode (cinematic wide shots)
- Natural Color Calibration (less oversaturation)
- Battery Life & Charging
- 5,000mAh Battery:
- Screen-on Time (SOT): ~6-7 hours (120Hz QHD+).
- Better than Galaxy S22 Ultra, but worse than iPhone 14 Pro Max.

- 80W Charging: 0-100% in 32 mins (US version).
- 50W Wireless Charging: Works with any Qi charger (but slower than wired).
- Software: Oxygen OS 12 → 14 (2024 Update)
- Oxygen OS 12 (Android 12): Buggy at launch (merged with Color OS codebase).
- Oxygen OS 13 (Android 13): Smoother, better RAM management.
- Future Updates: No Android 15 (EOL after 3 years).

4. Is the OnePlus 10 Pro Still Worth It in 2024?

- OnePlus 10 mobile Buy If:
- You find it under \$400 (used/new old stock).
- You want wireless charging + IP68 (missing in 10T/11).
- You don't need long-term updates (EOL in 2025).
- Avoid If:
- You game a lot (throttling issues).
- You want Android 15+ support.
- You care about best cameras (11/12 are much better).

5. Hidden Features & Tricks

- Gaming Mode: Reduces lag by boosting touch response.
- Pro Camera Mode: Shoot in 12-bit RAW.
- Alert Slider Customization: Set it to toggle ring/vibrate/silent OR rotate/not disturb.
- Quick Launch: Double-press power button for camera/flashlight.
- The Overheating Saga:
- The 10 Pro's 8 Gen 1 (Samsung 4nm) was infamous for thermal throttling.
- In 3DMark Wild Life Stress Test, performance drops up to 35% after 15 mins.
- Fix? Use a cooling fan case or cap FPS at 45 for stability.
- Built on TSMC 4nm, runs 20% cooler with 30% better efficiency.
- Gaming battery life: 10T lasts 1.5 hours longer than 10 Pro under load.

2. Camera: Hasselblad's Hit-or-Miss Tuning

- 10 Pro's Strengths & Weaknesses
- Daylight Photos:
- 48MP IMX789 delivers natural colors (vs. Samsung's oversaturation).
- 150° ultra-wide has edge distortion, but fun for creative shots.
- Low-Light Reality:
- Noise creeps in at ISO >1600 (OnePlus 12 handles up to ISO 6400 cleanly).
- Pro Mode Secrets
- 12-bit RAW support (edit in Lightroom for pro-grade shots).
- Manual focus peaking (highlights sharp edges in red/blue).
- 10T's Camera Compromise
- No Hasselblad tuning – colors are more saturated.
- 2MP macro lens is useless – use digital crop from 50MP main instead.

3. Battery & Charging: The Warp Charge Trade-Offs

- OnePlus 10 mobile 10 Pro
- 80W Charging:
- 0-50% in 10 mins, but last 20% slows down (protects battery).
- 50W Wireless:
- Requires OnePlus Air VOOC charger (3rd-party Qi pads max at 15W).
- 10T's 150W Insanity
- Full charge in 19 mins (with included charger).
- Battery health impact:
- Loses 8% capacity/year (vs. 5% on 80W charging).

4. Software & MODDING Potential

- Oxygen OS 14 (Android 14) – The Final Update
- EOL Date: No Android 15, security patches until mid-2025.
- Best Features:
- RAM Expansion (add up to 8GB virtual RAM).

- Dynamic Computing Engine (reduces app reloads by 30%).
- Custom ROM Scene
- 10 Pro:
- Lineage OS 21 (Android 14) available (no Hasselblad cam support).
- Pixel Experience for Google-like UI.
- 10T:
- Project Elixir (tweaks for performance).
- Kernel Source: OnePlus released it, enabling CPU/GPU under VOLTING.

5. Accessories That Transform the Experience

- OnePlus 100W Car Charger – Matches Warp Charge speeds on the go.
- Buds Pro 2 – Auto-connects with spatial audio (10 Pro/11/12 only).
- Sandstone Case – Adds grip (official OnePlus store exclusive).

7. Should You Buy in 2024?

- OnePlus 10 mobile Who Should Buy It?
- Budget photographers (if you find it under \$400).
- Warp Charge addicts (80W/150W still beats most 2024 phones).
- MODDERS (active custom ROM support).

Who Should Avoid?

- Gamers (throttling ruins the experience).
- Update chasers (EOL in 2025).
- Low-light photographers (10 Pro struggles vs. Pixel 7/8).

8. Pro Tip: How to Extend Its Life

- Disable 5G (reduces heat + improves battery).
 - Use 60Hz mode (adds 1.5h SOT).
 - Install G Cam (better HDR than stock camera).
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