# Apple iPad mini Wi-Fi 256GB with nano-texture glass - Midnight



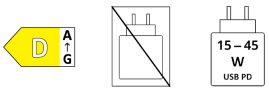
**Brand :** Apple **Product family:** iPad **Product code:** ML2Q4B/A

**Product name :** iPad mini Wi-Fi 256GB with nano-texture glass - Midnight

- Thinner. Lighter. Ultraportable. With even more to love
- Super Retina XDR display with OLED for vivid colors and dramatic contrast. Optional nano-texture glass that reduces glare
- A20 Pro. Latest-generation chip. Huge leap in performance. Total AI powerhouse
- Meet Siri AI. Your AI assistant. More personal. More powerful
- iPadOS 27. Fast, flexible, and designed to make multitasking effortless
- Create endlessly with Apple Pencil. Design, sketch, and take amazing notes

iPad mini, 8.5" OLED, 2316 x 1512, Nano-texture glass, A20 Pro, 256GB, Wi-Fi 7 (802.11be), Bluetooth 6, Touch ID, 12MP + 12MP, iPadOS






| Display | |
|---|---|
| Display diagonal * | 21.6 cm (8.5") |
| Display resolution * | 2316 x 1512 pixels |
| LED backlight | ✔ |
| Panel type * | OLED |
| Display technology marketing name | Super Retina XDR |
| Display brightness | 600 cd/m² |
| Display glass type | Nano-texture glass |
| Pixel density | 326 ppi |
| Number of external displays supported | 1 |
| Video mirroring | ✔ |
| Anti-reflective coating | ✔ |
| Fingerprint resistant | ✔ |

| Processor | |
|---|---|
| Processor manufacturer * | Apple |
| Processor family * | Apple |
| Processor model * | A20 Pro |
| Processor cores | 5 |
| Performance cores | 2 |
| Efficient cores | 3 |

| Neural processor unit (NPU) | |
|---|---|
| Neural processor unit (NPU) | Apple Neural Engine (ANE) |
| Neural processor unit (NPU) cores | 16 |

| Storage | |
|---|---|
| Internal storage capacity * | 256 GB |
| Storage media * | Flash |
| Card reader integrated * | ✘ |

| Ports & interfaces | |
|---|---|
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| USB Type-C DisplayPort Alternate Mode | ✔ |

| Phone features | |
|---|---|
| Voice call | ✔ |
| Video call | ✔ |
| Spatial audio | ✔ |

| Design | |
|---|---|
| Colour name | Midnight |
| Device type * | Mobile tablet |
| Housing material | Aluminium |
| Form factor * | Slate |
| Product colour * | Black |

| Performance | |
|---|---|
| Assisted GPS (A-GPS) * | ✘ |
| GPS (satellite) | ✘ |
| iBeacon | ✔ |
| Wi-Fi positioning | ✔ |
| Accessibility features | VoiceOver, Zoom, Magnifier, Live Captions, Subtitles, Voice Control, Switch Control, AssistiveTouch, Accessibility Reader, Personal Voice and Live Speech, Motion display and text settings |
| Position location * | ✔ |
| Refurbished | ✘ |

| Graphics | |
|---|---|
| Graphics card family | Apple |
| Graphics card cores | 7 |
| Ray tracing acceleration | ✔ |

| Audio | |
|---|---|
| Number of microphones | 2 |
| Dolby technologies | Dolby Digital Plus, Dolby Digital, Dolby Atmos |

| Camera | |
|---|---|
| Rear camera type * | Single camera |
| Rear camera resolution (numeric) * | 12 MP |
| Rear camera aperture number | 1.8 |
| Rear camera lens elements | 5-element lens |
| Digital zoom | 5x |
| Auto focus | ✔ |
| Panorama | ✔ |
| Rear camera flash | ✔ |
| Image stabilizer | ✔ |
| High Dynamic Range (HDR) supported | ✔ |
| High Dynamic Range (HDR) technology | Smart HDR 4, Dolby Vision, High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG) |
| Cinematic video stabilization | ✔ |
| Video recording | ✔ |
| Maximum video resolution | 3840 x 2160 pixels |
| Video recording modes | 720p, 1080p, 2160p |
| Resolution at capture speed | 3840x2160@24fps, 3840x2160@25fps, 3840x2160@30fps, 3840x2160@60fps, 1920x1080@30fps, 1920x1080@25fps, 1920x1080@60fps, 1280x720@30fps |
| Video capturing speed | 240 fps |
| Video stabilizer | ✔ |
| Front camera * | ✔ |
| Front camera resolution (numeric) | 12 MP |
| Front camera aperture number | 2 |
| Lens correction | ✔ |
| Screen flash | ✔ |
| Geotagging | ✔ |
| Red-eye correction | ✔ |
| Burst mode | ✔ |
| Playback zoom | ✔ |
| Center Stage | ✔ |
| Camera image formats supported | HEIF, JPEG |
| Camera High Dynamic Range (HDR) mode | ✔ |
| Camera video formats supported | HEVC, H.264, ProRes |

| Network | |
|---|---|
| Mobile network generation | Not supported |
| Wireless networking chip | Apple N1 |
| Mobile network connection * | ✘ |
| Bluetooth | ✔ |
| Bluetooth version | 6.0 |
| Top Wi-Fi standard * | Wi-Fi 7 (802.11be) |
| Wi-Fi standards | Wi-Fi 7 (802.11be) |

| Performance | |
|---|---|
| Brand specific technologies | Wide color (P3), True Tone, Live Photo |

| Sensors | |
|---|---|
| Accelerometer | ✔ |
| Ambient light sensor | ✔ |
| Gyroscope | ✔ |
| Electronic compass | ✔ |
| Barometer | ✔ |

| Security | |
|---|---|
| Fingerprint reader | ✔ |
| Password protection | ✔ |

| Software | |
|---|---|
| Platform * | iPadOS |
| Virtual assistant | Apple Siri |
| Operating system installed * | iPadOS |
| Apple Intelligence | ✔ |
| Windows operating systems supported | ✔ |
| Mac compatibility | ✔ |
| Mac operating systems supported | ✔ |

| Battery | |
|---|---|
| Battery included | ✔ |
| Battery technology * | Lithium Polymer (LiPo) |
| Battery capacity | 18.9 Wh |
| Battery endurance in cycles * | 1000 |
| Continuous video playback time (max) | 10 h |
| Browsing time (Wi-Fi) (max) | 10 h |

| Power | |
|---|---|
| USB Type-C charging port * | ✔ |
| USB Power Delivery (USB PD) | ✔ |
| USB Type-C required charging power (min) * | 15 W |
| USB Type-C required charging power (max) * | 45 W |

| Endurance | |
|---|---|
| Energy efficiency class * | D |
| Energy efficiency scale | A to G |
| Battery endurance per cycle * | 4680 min |
| Repeated free fall reliability class * | D |
| Repairability class * | C |
| International Protection (IP) code * | IP67 |

| Weight & dimensions | |
|---|---|
| Width | 132.6 mm |
| Depth | 195.3 mm |
| Height | 5.4 mm |
| Weight | 255 g |
| Package width | 144.1 mm |
| Package depth | 208.5 mm |
| Package height | 31.8 mm |
| Package weight | 490 g |

| Packaging content | |
|---|---|
| AC adapter included * | ✘ |
| Cables included | USB Type-C |

| Network | |
|---|---|
| AirPlay | ✔ |
| SIM card type | ✘ |
| Thread networking technology | ✔ |

| Sustainability | |
|---|---|
| Sustainability certificates | ENERGY STAR |

| Operational conditions | |
|---|---|
| Operating temperature (T-T) | 0 - 35 °C |
| Storage temperature (T-T) | -20 - 45 °C |
| Operating relative humidity (H-H) | 5 - 95% |
| Operating altitude | 0 - 3000 m |

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