## Apple MacBook Pro 13.3" M2-chip, 8GB RAM, 256GB SSD (Early 2022) Silver /MNEP3/

Apple M2 chip

8-core CPU with 4 performance cores and 4 efficiency cores, 8-core GPU, 100GB/s

memory bandwidth

Чип Media engine

Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW

Video decode engine, Video encode engine, ProRes encode and decode engine

Liquid Retina display

13.6-inch (diagonal) LED-backlit display with IPS technology;1 2560-by-1664 native resolution at 224 pixels per inch with

Дэлгэц support for 1 billion colors

500 nits brightness Wide color (P3) True Tone technology

Up to 18 hours Apple TV app movie playback

Up to 15 hours wireless web

52.6-watt-hour lithium-polymer battery

Тэжээл 30W USB-C Power Adapter (included with M2 with 8-core GPU)

**Батарей** 35W Dual USB-C Port Compact Power Adapter (included with M2 with 10-core GPU

and 512GB storage, configurable with M2 with 8-core GPU)

USB-C to MagSafe 3 Cable

Fast-charge capable with 67W USB-C Power Adapter

MagSafe 3 charging port 3.5 mm headphone jack

Two Thunderbolt / USB 4 ports with support for:

**Цэнэглэгч** Charging **холболт** DisplayPort

Thunderbolt 3 (up to 40Gb/s)

USB 4 (up to 40Gb/s)

USB 3.1 Gen 2 (up to 10Gb/s)

Шуурхай санах

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8GB unified memory

**Багтаамж** 256GB SSD

**Backlit Magic Keyboard with:** 

78 (U.S.) or 79 (ISO) keys including 12 full-height function keys and 4 arrow keys in

an inverted-T arrangement

Keyboard and Touch ID

**Trackpad** Ambient light sensor

Force Touch trackpad for precise cursor control and pressure-sensing capabilities; enables Force clicks, accelerators, pressure-sensitive drawing, and Multi-Touch

gestures

Wi-Fi

802.11ax Wi-Fi 6 wireless networking

Утасгүй IEEE 802.11a/b/g/n/ac compatible

Bluetooth

Bluetooth 5.0 wireless technology

Kamep 1080p FaceTime HD camera

Advanced image signal processor with computational video

Four-speaker sound system

Wide stereo sound

Support for Spatial Audio when playing music or video with Dolby Atmos on built-in

speakers

**Аудио**Spatial Audio with dynamic head tracking when using AirPods (3rd generation),

AirPods Pro, and AirPods Max

Three-mic array with directional beamforming

3.5 mm headphone jack with advanced support for high-impedance headphones

Simultaneously supports full native resolution on the built-in display at  ${f 1}$ 

billion colors and:

One external display with up to 6K resolution at 60Hz

Дэмжих дэлгэц Thunderbolt 3 digital video output

Native DisplayPort output over USB-C

VGA, HDMI, DVI, and Thunderbolt 2 output supported using adapters (sold

separately)

**Бичлэг** Supported formats include HEVC, H.264, and ProRes

тоглуулах HDR with Dolby Vision, HDR10, and HLG

**Аудио** Supported formats include AAC, MP3, Apple Lossless, FLAC, Dolby Digital, Dolby

тоглуулах Digital Plus, and Dolby Atmos

Line voltage: 100V to 240V AC Frequency: 50Hz to 60Hz

Operating temperature: 50° to 95° F (10° to 35° C)

**Ажиллах** Storage temperature: -13° to 113° F (-25° to 45° C)

**нехцел** Relative humidity: 0% to 90% noncondensing

Operating altitude: tested up to 10,000 feet Maximum storage altitude: 15,000 feet Maximum shipping altitude: 35,000 feet

Height: 0.44 inch (1.13 cm)

**Хэмжээ** Width: 11.97 inches (30.41 cm)

Depth: 8.46 inches (21.5 cm) Weight: 2.7 pounds (1.24 kg)

**MacOS** 

**Үйлдлийн** macOS is the most advanced desktop operating system in the world. macOS

**CUCTEM** Monterey introduces powerful new features to help you connect, share, and create

like never before.

30W USB-C Power Adapter (M2 with 8-core GPU)

**Хайрцаг дотор**USB-C to MagSafe 3 Cable (2 m)