

MacBook Neo Technical Specifications and Features

Technology · Answer Key · 25 Questions

1. What is the name of the chip used in the MacBook Neo?

- A) Apple A17 Pro
- B) Apple A18 Pro**
- C) Apple A16 Bionic
- D) Apple M3

2. How many performance cores are present in the 6-core CPU of the Apple A18 Pro chip?

- A) 6
- B) 4
- C) 2**
- D) 8

3. What is the GPU core count in the Apple A18 Pro chip?

- A) 8-core
- B) 6-core
- C) 5-core**
- D) 16-core

4. What technology is supported by the GPU for enhanced graphics rendering?

- A) Ray Tracing**
- B) DirectX 12
- C) Vulkan
- D) OpenGL

5. How many cores does the Neural Engine in the Apple A18 Pro chip have?

- A) 8
- B) 16**
- C) 32
- D) 64

6. What is the memory bandwidth of the Apple A18 Pro chip?

- A) 30GB/s
- B) 60GB/s**
- C) 120GB/s
- D) 240GB/s

7. Which video codecs are hardware-accelerated by the Media Engine?

A) H.264, HEVC, ProRes, ProRes RAW

B) VP9, AV1, MPEG-4

C) WMV, DivX, Xvid

D) Flash Video

8. What is the base amount of unified memory offered in the MacBook Neo?

A) 4GB

B) 8GB

C) 16GB

D) 32GB

9. What is the base storage capacity of the MacBook Neo?

A) 128GB SSD

B) 256GB SSD

C) 512GB SSD

D) 1TB SSD

10. What type of display does the MacBook Neo feature?

A) OLED

B) Retina

C) AMOLED

D) IPS LCD

11. What is the native resolution of the 13.0-inch Liquid Retina display?

A) 2560x1600

B) 2408x1506

C) 2880x1800

D) 2048x1280

12. What is the typical brightness of the MacBook Neo's display?

A) 400 nits

B) 500 nits

C) 600 nits

D) 700 nits

13. How many colors does the display support?

A) 16.7 million

B) 1 billion

C) 10.7 billion

D) 64 billion

14. What is the maximum video streaming battery life for the MacBook Neo?

- A) 10 hours
- B) 12 hours
- C) 16 hours**
- D) 20 hours

15. What is the capacity of the built-in lithium-ion battery?

- A) 30.5 Wh
- B) 36.5 Wh**
- C) 46.5 Wh
- D) 56.5 Wh

16. What is the wattage of the included USB-C Power Adapter?

- A) 15W
- B) 20W**
- C) 30W
- D) 45W

17. How many USB 3 (USB-C) ports with charging and DisplayPort support are available?

- A) One**
- B) Two
- C) Three
- D) Four

18. What is the maximum data transfer speed for the USB 3 (USB-C) port?

- A) 5 Gbps
- B) 10 Gbps**
- C) 20 Gbps
- D) 40 Gbps

19. What is the data transfer speed supported by the USB 2 (USB-C) port?

- A) 480 Mbps**
- B) 10 Gbps
- C) 20 Gbps
- D) 40 Gbps

20. What is the maximum resolution and refresh rate supported for an external display?

- A) 4K at 30Hz
- B) 4K at 60Hz**
- C) 5K at 60Hz
- D) 8K at 30Hz

21. Which video playback formats are supported, including HDR standards?

A) HEVC, H.264, AV1, ProRes with HDR10+

B) MP4, MOV, AVI with HDR

C) MKV, FLV, WebM with HDR

D) DivX, Xvid, WMV with HDR

22. What audio playback formats are supported, including surround sound technologies?

A) AAC, MP3, FLAC, Dolby Atmos

B) WAV, AIFF, OGG

C) WMA, AMR

D) Opus

23. What is the number of keys on the Magic Keyboard?

A) 78 (ANSI) or 79 (ISO)

B) 88 (ANSI) or 89 (ISO)

C) 98 (ANSI) or 99 (ISO)

D) 108 (ANSI) or 109 (ISO)

24. Which wireless standard is supported by the MacBook Neo?

A) Wi-Fi 5 (802.11ac)

B) Wi-Fi 6 (802.11ax)

C) Wi-Fi 6E (802.11ax)

D) Wi-Fi 7 (802.11be)

25. What is the resolution of the FaceTime HD camera?

A) 720p

B) 1080p

C) 1440p

D) 2160p