

ANNEXURE A

SPECIFICATION FOR A MACBOOK LAPTOP AND ACCESSORIES



DESCRIPTION	LAPTOP SPECIFICATION
Chip	CPU: 10-core CPU with 4 performance (super) cores and 6 efficiency cores GPU: 10-core GPU with hardware–accelerated ray tracing and Neural Accelerators Neural Engine: 16-core Neural Engine Memory Bandwidth: 153 GB/s
Memory	16GB unified memory (configurable up to 24GB or 32GB, depending on base silicon options)
Storage	1TB ultra- fast SSD
Audio	High-fidelity six-speaker sound system with force-cancelling woofers, wide stereo sound, support for Spatial Audio when playing music or video with Dolby Atmos, studio-quality three-mic array
Camera	12MP Center Stage camera with support for Desk View 1080p HD video recording
Display Monitor and Graphics	Type: 14.2-inch Liquid Retina XDR display Resolution: 3024 x 1964 native resolution at 254 pixels per inch Brightness: 1,000 nits sustained full-screen (XDR), 1,600 nits peak (HDR content only), up to 1,000 nits SDR Technology: ProMotion technology for adaptive refresh rates up to 120Hz, Wide color (P3), True Tone.
Connectivity and Expansion	Thunderbolt / USB-C: ports supporting charging, DisplayPort, Thunderbolt 4 (up to 40Gb/s), and USB 4 (up to 40Gb/s) Display Support: Simultaneously supports native resolution on built-in display and up to one external display up to 6K at 60Hz. Slots: HDMI port, SDXC card slot, 3.5mm headphone jack Charging: MagSafe 3 port Wireless: Wi-Fi 6E (802.11ax) and Bluetooth 5.3 (Note: Some regional variations or early spec sheets might reference upgraded standards like Wi-Fi 7, depending on exact batch)

Battery	72.4-watt-hour lithium-polymer battery
Warranty	Pro Support Plus and Accidental Damage Protection, 60 Months Pro Support Plus and Next Business Day Onsite Service Extension, 48 Months Pro Support Plus and Next Business Day Onsite Service Initial, 12 Months Pro Support Plus and Keep Your Hard Drive, 60 Months
Operating System	macOS
Power	70W USB_C Power Adapter (fast-charge capable with 96W or higher adapter) USB-C to MagSafe 3 Cable (2m)
Software	Latest iOS Software
PRINTER	Functions: Print, Copy, Scan, Fax Print Speed: Up to 33 ppm (A4) / 35 ppm (Letter) in both black and color Print Quality: Up to 600 x 600 dpi (up to 38,400 x 600 enhanced dpi) First Page Out: As fast as 9.5 seconds for black, 10.5 seconds for color Duplex Printing & Scanning: Automatic (double-sided) Duty Cycle: Up to 50,000 pages per month (Recommended monthly volume: 750 to 4,000 pages) Input Capacity: 300 sheets standard (50-sheet multipurpose tray + 250-sheet tray) –expandable to 850 sheets with optional 550-sheet tray ADF: 50-sheet capacity (supports up to A4/Legal custom sizes) Output Capacity: 150-sheet bin Hi-Speed USB 2.0, Gigabit Ethernet (10/100/1000Base-T), Wireless LAN (IEEE 802.11b/g/n), and Wi-Fi Direct Mobile Support: Works seamlessly vis Apple AirPrint and Mopria Processor & Memory: 1200 MHz processor; 512 MB NAND Flash, 1 TB DRAM memory Cartridges: Uses 4 toner cartridges (Black, Cyan, Magenta, Yellow)
ACCESSORIES	
Stylus Pen x1	

Charger x1	20W USB-C Power Adapter
Cable x1	USB-C To Lightning Cable (2M)