

Model	CPU	GPU / NPU	RAM / Storage	Display	Battery / Weight
ASUS TUF Gaming A14	Ryzen AI 9 HX 370 (12 cores / 24 threads; up to 5.1 GHz)	NVIDIA RTX 4060 (100 W, 8 GB GDDR6); XDNA NPU up to 50 TOPS	16 GB LPDDR5X (soldered) up to 16 GB; 1 TB PCIe 4.0 SSD	14" 2.5K (2560×1600) WQXGA IPS, 165 Hz, MUX switch, G-Sync	~10 hr battery; ~3.2 lb (~1.45 kg)
Lenovo ThinkPad X1 Carbon Gen 12	Intel Core Ultra 7 155/165U (12 cores/14 threads; up to ~4.8 GHz)	Integrated Meteor Lake iGPU; optional NPU (11 TOPS)	Up to 32 GB RAM; 512 GB–1 TB Gen4 SSD	14" WUXGA (~1080p) or FHD+ touchscreen, sRGB 100%	Lightweight (~1.1 kg), thin; battery life ~8–9 h
MacBook Pro 14" (M4 Pro / Max)	M4 Pro: 14-core CPU (10P + 4E); M4 Max: 14 or 16-core CPU (up to 546 GB/s)	Integrated GPU: M4 Pro (20-core), M4 Max (32–40-core) with HW ray tracing	Unified memory: 16–128 GB; SSD: 1 TB–8 TB	14.2" Mini-LED Liquid Retina XDR (~3024×1964), 120 Hz, ProMotion	Battery: up to ~21–24 h (16" variant); weight ~1.6 kg (3.5 lb)
MacBook Air 13" (M4)	M4 chip: 10-core CPU (4P + 6E), 8-core GPU	Integrated 8-core GPU; 16-core Neural Engine	16–32 GB unified memory; 512 GB–2 TB SSD	13.6" Liquid Retina (2560×1664), 500 nits, P3, True Tone	Battery up to ~18 h; very lightweight (~1.2 kg)
HP Victus 15	Intel Core i5-13420H (8-cores/12-threads; up to 4.6 GHz)	NVIDIA RTX 3050 (75 W, 6 GB GDDR6)	8 GB RAM (commonly upgradeable); 512 GB SSD	15.6" FHD (1920×1080), 144 Hz IPS	Battery average; weight ~2.3 kg
Samsung Galaxy Book5 Pro 14"	Intel Core Ultra 7 256V (Efficient Meteor Lake)	Intel Arc 140V discrete GPU + NPU (47 TOPS)	16 GB LPDDR5X; 512 GB–1 TB SSD	14" (3K) Dynamic AMOLED 2X Touch, 3K resolution, 120 Hz	Impressive battery (~all-day use); lightweight (around 1.2 kg)

Laptop	Local ML Training	Portability	Battery	Coding Comfort	Price Range
ASUS TUF A14	✅ Best (RTX 4060)	🕸 Medium	🕸 Medium	✅ Good	~₹1.15L
ThinkPad X1 Carbon	❌ Cloud-only	✅ Best	✅ Good	✅ Best Keyboard	~₹1.5L
MacBook Pro 14" M4 Pro	⚠️ Cloud for CUDA	🕸 Medium	✅ Best	✅ Excellent	₹1.6L–₹2L
MacBook Air M4	⚠️ Cloud for CUDA	✅ Best	✅ Best	✅ Excellent	~₹1.3L
HP Victus 15	✅ Good (RTX 3050)	🕸 Medium	🕸 Medium	🕸 OK	~₹75–85k
Galaxy Book5 Pro	❌ Cloud-only	✅ Best	✅ Best	✅ Excellent	~₹1.05L

https://www.amazon.in/ASUS-15-6-inch-GeForce-Graphite-FA506NCR-HN054W/dp/B0D5DFR78J/ref=sr_1_4?ascsubtag=laptopmag-in-7030141945252333764-21&dib=eyJ2IjoiMSJ9.YYrFHRya9VbB7PTw_hiuFk-nuyMt7cp7wKnxBpQimntMKMNSx8wmnccS1dduqdMEQCGg37xgx_3MCbnJROxngHtb7cYnasJo8SPcmO3ljGvUqPziLiMPgsNeH4HvvNQYralA6fya50K9NPaWbMcz5hFaQ98Q3zhA9i9nIXbi1tBa18eXOUAhMqUxZM7xVSnMj1BauOtjJ3lvnR-M1ktMMRAxC8uA0ea4SsY3GxulCp0.-RZJfGxYaMBQc90yTorfzgG9jfcJurpJizpEubojkpM&dib_tag=se&geniuslink=true&keywords=Asus%2BTUF%2BGaming%2BA14&nsdOptOutParam=true&qid=1754986252&sr=8-4&th=1

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