

Comparison IT Purchase.

| | | | | | |
|-----------------------|---|--|--|---|---|
| | | | | | |
| | | | | | |
| Feature | HP Probook 450 15.6 inches G10 Notebook PC | Lenovo LOQ 15IRH8 | Dell G15 5530 | HP Omen 16 (7Z8U3EA) | Acer Predator Helios 16 |
| Processor | Intel Core i7-1355U | Intel Core i7-13700HX (16 cores, up to 5.0 GHz) | Intel Core i7-13650HX (14 cores, up to 4.9 GHz) | Intel Core i7-13700HX (16 cores, up to 5.0 GHz) | Intel Core i7-13700HX (16 cores, up to 5.0 GHz) |
| Graphics | NVIDIA GeForce RTX 2050 with 4GB GDDR6 | NVIDIA GeForce RTX 4060 (8GB GDDR6) | NVIDIA GeForce RTX 4060 (8GB GDDR6) | NVIDIA GeForce RTX 4060 (8GB GDDR6) | NVIDIA GeForce RTX 4060 (8GB GDDR6) |
| RAM | 16GB DDR4 3200 MHz | 16GB DDR5 (expandable) | 16GB DDR5 (expandable) | 16GB DDR5 (expandable) | 16GB DDR5 (expandable) |
| Storage | 512GB PCIe NVMe M.2 SSD | 512GB PCIe SSD (expandable) | 1TB PCIe SSD (expandable) | 1TB PCIe SSD | 1TB PCIe SSD |
| Display | 15.6" FHD Touch Screen (1920 x 1080 resolution) | 15.6" WQHD (2560x1600), 165Hz, IPS, G-SYNC | 15.6" FHD (1920x1080), 165Hz, IPS, Anti-glare | 16.1" WQXGA (2560x1600), 165Hz, IPS | 16" WQXGA (2560x1600), 165Hz, IPS |
| Cooling System | Dual-fan, multiple heat pipes, improved airflow | Dual-fan, multiple heat pipes, improved airflow | Dual-fan, vapor chamber, 4 heat sinks, larger vents | Advanced cooling system with multiple fans | Advanced cooling system with multiple fans |
| Build Quality | MIL-STD | MIL-STD 810H certified, reinforced plastic chassis | Plastic chassis, some reports of weak hinge and bottom panel | Robust build with customizable RGB lighting | Durable chassis with RGB lighting |
| Keyboard | Comfortable layout, backlit | Comfortable layout, RGB backlit | Responsive keys, RGB backlit | Responsive keys, RGB backlit | Responsive keys, RGB backlit |

| | | | | | |
|------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|--|
| Battery Life | Up to 8 hours (varies with usage) | Up to 8 hours (varies with usage) | Up to 8 hours (varies with usage) | Up to 8 hours (varies with usage) | Up to 8 hours (varies with usage) |
| Price (approx.) | N\$ 19,895 | N\$ 19,895 | N\$ 31,999 | N\$ 29,999 | N\$ 31,999 |
| Warranty | | 3 years onsite | 3 years onsite | 1 year onsite | 1 year onsite |
| Availability | Available in south Africa | Available in Namibia (nanodogg) | Available in (nanodogg) | Available in (incredible connections) | Available in (Incredible connections) |