

ThinkPad A475 Platform Specifications

Product Specifications Reference (PSREF)

| | | | | | | | | | | | | | |
|--|--|-----------------------------------|--------------|----------------|---------------------|-------|--------------|-------------------------------------|---|-----------------------------|----------------------|----------------------|-----------------|
| Processor | AMD PRO A-Series APUs | | | | | | | Dimensions Weight | WxDxH: 13.25" x 9.15" x 0.79"; 336.6mm x 232.5mm x 19.95mm | | | | |
| | Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | | Processor Graphics | Models | 3-cell or 3 + 3-cell | 6-cell or 3 + 6-cell | |
| | PRO A10-8730B | 4 | 4 | 2.4 GHz | 3.3 GHz | 2MB | DDR4-1866 | | AMD Radeon™ R5 Graphics | Magnesium | 3.49 lb / 1.58 kg | 3.92 lb / 1.78 kg | |
| | PRO A12-8830B | | | 2.5 GHz | 3.4 GHz | | | | AMD | PPS | 3.63 lb / 1.65 kg | 4.35 lb / 1.85 kg | |
| | PRO A10-9700B | | | 2.5 GHz | 3.4 GHz | | | | Radeon | | | | |
| PRO A12-9800B | 2.7 GHz | | | 3.6 GHz | R7 Graphics | | | | | | | | |
| * Windows 7 is only supported by PRO A10-8730B and PRO A12-8830B | | | | | | | Case color | Black | | | | | |
| Graphics | AMD Radeon R5 or R7 Graphics in processor only; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2160@60Hz (USB Type-C); 4096x2160@30Hz (HDMI) | | | | | | | Case material | Display cover: Magnesium Hybrid or PPS (Magnesium Hybrid for US only); Bottom: Glass-Fiber Reinforced Plastic | | | | |
| | Chipset | AMD SoC (System on Chip) platform | | | | | | | Smart card reader | Optional: Smart card reader | | | |
| Memory | 32GB max / 1866MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets | | | | | | | Media reader | 4-in-1 reader (MMC, SD, SDHC, SDXC), supports SD 3.0, UHS-I | | | | |
| Display | Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 350:1 contrast ratio Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle | | | | | | | Ports | Three USB 3.1 Gen 1 (USB 3.0, one Always On), USB 3.1 Type-C Gen 2 (with the function of Power Delivery and DisplayPort), HDMI 1.4b, Ethernet (RJ-45), Dock connector * Depending on many factors, actual data transfer speed may be lower than theoretical speed Optional: Lenovo USB-C to VGA Adapter | | | | |
| Multi-touch (opt) | On-cell touch, supports 10-finger gesture (FHD only, US only) | | | | | | | Monitor cable | Optional: Lenovo USB-C to VGA Adapter | | | | |
| Storage | System has one HDD slot or one M.2 2280 slot exclusively for storage Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s * Installed M.2 SSD is PCIe 3.0 x 4 but run at PCIe 3.0 x 2 due to M.2 SSD adapter limitation | | | | | | | Camera (optional) | HD720p resolution, fixed focus | | | | |
| Optical | None | | | | | | | Audio support | HD Audio, Realtek ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack | | | | |
| Ethernet | Realtek® RTL8111EPV Gigabit Ethernet connection | | | | | | | Keyboard | 6-row, spill-resistant, multimedia Fn keys, optional LED backlight UltraNav™ TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad | | | | |
| WLAN | Realtek RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card | | | | | | | Security | Power-on password, hard disk password, supervisor password, security keyhole | | | | |
| Bluetooth™ | Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter | | | | | | | Security chip | dTPM 1.2: discrete TPM 1.2, TCG Certified dTPM 2.0: discrete TPM 2.0, TCG Certified | | | | |
| WWAN (optional) | One of the following, configurable by model: • Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455) * For non-WWAN model, it means the model is NOT WWAN upgradable | | | | | | | Fingerprint reader | Optional: Touch style match on chip fingerprint reader on the keyboard bezel | | | | |
| SIM card (opt) | Micro-SIM card slot, opt Verizon LTE (US) SIM card | | | | | | | NFC | None | | | | |
| | | | | | | | | Internal battery | Optional: Integrated Li-Polymer 3-cell (24Wh) | | | | |
| | | | | | | | | External battery | Li-Polymer 3-cell (24Wh) or Li-ion 6-cell (48Wh) | | | | |
| | | | | | | | | Max battery life (MobileMark® 2014) | Models | 3-cell | 3 + 3-cell | 6-cell 48Wh | 3 + 6-cell 48Wh |
| | | | | | | | | | Max battery life | 5.13 hr | 10.26 hr | 10.26 hr | 15.4 hr |
| | | | | | | | | | * Battery life varies significantly with settings, usage, & other factors | | | | |
| | | | | | | | | AC adapter | 45W or 65W slim tip AC adapter, 45W or 65W USB Type-C AC adapter | | | | |
| | | | | | | | | Operating system | One of the following, configurable by model: • Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 • Windows 10 Home 64 • Windows 10 Pro 64 | | | | |
| | | | | | | | | Limited warranty | One of the following, configurable by model: • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service | | | | |
| | | | | | | | | Mil-Spec test | MIL-STD-810G military testing | | | | |
| | | | | | | | | Environment | EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant | | | | |

Note: The specifications above may not be available in all regions.

Lenovo
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