ThinkPad A275 Platform Specifications

Processor — AMD PRO A-Series APUs

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
PRO A10-8730B	4	4	2.4 GHz	3.3 GHz	2MB	DDR4-1866	AMD Radeon™ R5 Graphics
PRO A12-8830B			2.5 GHz	3.4 GHz			AMD Radeon R7 Graphics
PRO A10-9700B			2.5 GHz	3.4 GHz			
PRO A12-9800B			2.7 GHz	3.6 GHz			

** Windows 7 is only supported by PRO A10-8730B and PRO A12-8830B*

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)

Chipset — AMD SoC (System on Chip) platform

Memory — 16GB max / 1866MHz DDR4, one DDR4 SO-DIMM socket

Display
Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 12.5" (317.5mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle

Multi-touch *(opt)* — On-cell touch, supports 10-finger gesture (FHD only, US only)

Storage — *System has one HDD slot or one M.2 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

Optical — None

Ethernet — Realtek® RTL8111EPV Gigabit Ethernet connection

WLAN
Bluetooth™ — Realtek RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card
Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

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)

SIM card *(opt)* — Micro-SIM card slot, opt Verizon LTE (US) SIM card

Dimensions
Weight — *WxDxH:* 12.03" x 8.21" x 0.80"; 305.5mm x 208.5mm x 20.3mm

Models	*No + 3-cell*	*3-cell + 3-cell*	*3 + 6-cell*
Weight	2.79 lb / 1.27 kg	2.98 lb / 1.36 kg	3.33 lb / 1.52 kg

Case color — Black

Case material — Glass-Fiber Reinforced Plastic

Smart card reader — *Optional:* Smart card reader

Media reader — 4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports — Two USB 3.1 Gen 1 (USB 3.0, one Always On), USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet (RJ-45)

Monitor cable *(optional)* — *HDMI to VGA:* Lenovo HDMI to VGA Monitor Adapter
USB-C to VGA: Lenovo USB-C to VGA Adapter
USB-C to DP: Lenovo USB-C to DisplayPort Adapter

Camera *(optional)* — HD720p resolution, fixed focus

Audio support — HD Audio, Realtek ALC3268 codec / stereo speakers, 1.5W x 2 / dual array microphone, combo audio/microphone jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys, optional LED backlight

UltraNav™ — TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security — Power-on password, hard disk password, supervisor password, security keyhole

Security chip — *dTPM 1.2:* discrete TPM 1.2, TCG Certified
dTPM 2.0: discrete TPM 2.0, TCG Certified

Fingerprint reader — *Optional:* Touch style match on chip fingerprint reader on the palm rest

NFC — None

Internal battery — *Optional:* Integrated Li-Ion or Li-Polymer 3-cell *(23Wh)*

External battery — Li-Ion 3-cell *(23Wh)* or 6-cell *(48Wh)*

Max battery life (*MobileMark® 2014*)

Models	*No + 3-cell*	*3-cell + 3-cell*	*3-cell + 6-cell 48Wh*
Max battery life	5.05 hr	10.1 hr	15.6 hr

AC adapter — 45W slim tip AC adapter or 45W USB Type-C AC adapter

Preload — Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo PowerEngage
- ThinkVantage Product Recovery
- ThinkVantage System Update
- Adobe® Reader®
- Microsoft® Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

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 certification

Environment — EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

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