

ThinkPad A275 Platform Specifications

Product Specifications Reference (PSREF)

| Processor | AMD PRO A-Series APUs | | | | | | | | Smart card reader Media reader Ports Monitor cable (optional) Camera (optional) Audio support | Optional: Smart card reader 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.1 Gen 1 (USB 3.0, one Always On), USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), HDMI 1.4b, Ethernet (RJ-45) <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i> 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 HD720p resolution, fixed focus HD Audio, Realtek ALC3268 codec / stereo speakers, 1.5W x 2 / dual array microphone, combo audio/microphone jack | | | | | | | | |
|---|--|-------------------|----------------------|----------------|---------------------|-------|--------------|-------------------------|--|--|-----------------|-------------|-----------------|----------------------|-------------------|-------------------|---------|---------|
| | 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 | | | | | | | | | | | | | | |
| <i>* Windows 7 is only supported by PRO A10-8730B and PRO A12-8830B</i> | | | | | | | | | | | | | | | | | | |
| 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) | | | | | | | | Keyboard UltraNav™ | 6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad | | | | | | | | |
| Chipset Memory | AMD SoC (System on Chip) platform 16GB max / 1866MHz DDR4, one DDR4 SO-DIMM socket | | | | | | | | Security Security chip | Power-on password, hard disk password, supervisor password, security keyhole <i>dTPM 1.2:</i> discrete TPM 1.2, TCG Certified <i>dTPM 2.0:</i> discrete TPM 2.0, TCG Certified | | | | | | | | |
| Display | <i>Some:</i> 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> 12.5" (317.5mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle | | | | | | | | Fingerprint reader NFC | Optional: Touch style match on chip fingerprint reader on the palm rest None | | | | | | | | |
| Multi-touch (opt) | On-cell touch, supports 10-finger gesture (FHD only, US only) | | | | | | | | Internal battery External battery Max battery life (MobileMark® 2014) | Optional: Integrated Li-ion or Li-Polymer 3-cell (23Wh) Li-ion 3-cell (23Wh) or 6-cell (48Wh) <table border="1"> <thead> <tr> <th>Models</th> <th>No + 3-cell</th> <th>3-cell + 3-cell</th> <th>3-cell + 6-cell 48Wh</th> </tr> </thead> <tbody> <tr> <td>Max battery life</td> <td>5.05 hr</td> <td>10.1 hr</td> <td>15.6 hr</td> </tr> </tbody> </table> <i>* Battery life varies significantly with settings, usage, & other factors</i> | 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 |
| 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 | | | | | | | | | | | | | | | |
| Storage | <i>System has one HDD slot or one M.2 slot exclusively for storage</i> <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s | | | | | | | | AC adapter | 45W slim tip AC adapter or 45W USB Type-C AC adapter | | | | | | | | |
| Optical | None | | | | | | | | Operating system | <i>One of the following, configurable by model:</i> • Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 • Windows 10 Home 64 • Windows 10 Pro 64 | | | | | | | | |
| Ethernet | Realtek® RTL8111EPV Gigabit Ethernet connection | | | | | | | | Limited warranty | <i>One of the following, configurable by model:</i> • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service | | | | | | | | |
| 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 | | | | | | | | Mil-Spec test | MIL-STD-810G military testing | | | | | | | | |
| WWAN (optional) | <i>One of the following, configurable by model:</i> • Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455) <i>* For non-WWAN model, it means the model is NOT WWAN upgradable</i> | | | | | | | | Environment | EEPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant | | | | | | | | |
| SIM card (opt) | Micro-SIM card slot, opt Verizon LTE (US) SIM card | | | | | | | | | | | | | | | | | |
| Dimensions Weight | <i>WxDxH:</i> 12.03" x 8.21" x 0.80"; 305.5mm x 208.5mm x 20.3mm <table border="1"> <thead> <tr> <th>Models</th> <th>No + 3-cell</th> <th>3-cell + 3-cell</th> <th>3 + 6-cell</th> </tr> </thead> <tbody> <tr> <td>Weight</td> <td>2.79 lb / 1.27 kg</td> <td>2.98 lb / 1.36 kg</td> <td>3.33 lb / 1.52 kg</td> </tr> </tbody> </table> | | | | | | | | 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 | | |
| 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 Case material | Black Glass-Fiber Reinforced Plastic | | | | | | | | | | | | | | | | | |

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

Lenovo
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