

# ThinkPad A275 20KD002Q++

Region  
EMEA

Machine Type  
20KD

TopSeller  
TopSeller

Processor  
AMD PRO A12-8830B (4C, 2.5 / 3.4GHz, 2MB)

Graphics  
Integrated AMD Radeon R7 Graphics

Memory  
8GBx1

Display  
12.5" FHD (1920x1080) IPS

Multi-touch  
None

Storage  
256GB SSD M.2 PCIe NVMe Opal2

Optical  
None

WLAN + Bluetooth  
11ac, 2x2 + BT4.1

WWAN  
WWAN Upgradable

SIM Card  
None

Smart Card Reader  
Smart Card Reader

Camera  
720p

Keyboard  
Backlit

Fingerprint Reader  
Fingerprint Reader

NFC  
None

TPM  
dTPM 2.0

Battery  
3-cell (23Wh) + 3-cell (23Wh)

Power Adapter  
45W Slim Tip

Operating System  
Windows 10 Pro 64

Warranty  
3-year, Depot

End of Support  
Feb 9, 2024


Ann Date (mm/yy)  
01/18

## Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "\*\*\*" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries

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# ThinkPad A275 Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD PRO A-Series APUs								Smart card reader	Optional: Smart card reader								
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)								
	PRO A10-8730B	4	4	2.4 GHz	3.3 GHz	2MB	DDR4-1866	AMD Radeon™ R5 Graphics	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)								
	PRO A12-8830B			2.5 GHz	3.4 GHz			AMD Radeon R7 Graphics	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								
	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)								Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight								
Chipset	AMD SoC (System on Chip) platform								UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad								
Memory	16GB max / 1866MHz DDR4, one DDR4 SO-DIMM socket								Security chip	Power-on password, hard disk password, supervisor password, security keyhole								
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								Security chip	dTPM 1.2: discrete TPM 1.2, TCG Certified dTPM 2.0: discrete TPM 2.0, TCG Certified								
Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only, US only)								Fingerprint reader	Optional: Touch style match on chip fingerprint reader on the palm rest								
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								NFC	None								
Optical	None								Internal battery	Optional: Integrated Li-Ion or Li-Polymer 3-cell (23Wh)								
Ethernet	Realtek® RTL8111EPV Gigabit Ethernet connection								External battery	Li-Ion 3-cell (23Wh) or 6-cell (48Wh)								
WLAN	Realtek RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card								Max battery life (MobileMark® 2014)	<table><tr><th>Models</th><th>No + 3-cell</th><th>3-cell + 3-cell</th><th>3-cell + 6-cell 48Wh</th></tr><tr><td>Max battery life</td><td>5.05 hr</td><td>10.1 hr</td><td>15.6 hr</td></tr></table>	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															
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * WLAN card supports BT4.2 but is limited to BT4.1 by Windows OS								AC adapter	45W slim tip AC adapter or 45W USB Type-C AC adapter								
WWAN (optional)	One of the following, configurable by model: <ul style="list-style-type: none"><li>• Wireless WAN upgradable</li><li>• Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)</li></ul>								Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 <ul style="list-style-type: none"><li>• Lenovo Solution Center</li><li>• Lenovo PowerEngage</li><li>• ThinkVantage Product Recovery</li><li>• ThinkVantage System Update</li><li>• Adobe® Reader®</li><li>• Microsoft® Office preloaded; purchase a product key to activate</li><li>• McAfee® LiveSafe™ (30-day trial)</li></ul> Some: Windows 10 Home 64 Some: Windows 10 Pro 64 <ul style="list-style-type: none"><li>• Lenovo Companion</li><li>• Lenovo Setting</li><li>• Microsoft Office preloaded; purchase a product key to activate</li></ul>								
SIM card (opt)	Micro-SIM card slot, opt Verizon LTE (US) SIM card								Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none"><li>• 1-year depot repair service</li><li>• 3-year/1-yr battery depot repair service</li><li>• 3-year/1-yr battery limited onsite service</li></ul>								
Dimensions	WxDxH: 12.03" x 8.21" x 0.80"; 305.5mm x 208.5mm x 20.3mm								Mil-Spec test	MIL-STD-810G military certification								
Weight	<table><tr><th>Models</th><th>No + 3-cell</th><th>3-cell + 3-cell</th><th>3 + 6-cell</th></tr><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></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	Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant
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																	

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