IdeaPad Flex 5 14ARE05 Platform Specifications

Processor	AMD Ryzen™ Mobile Processors with Radeon Graphics

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB L2 / 4MB L3	DDR4-3200	Integrated AMD Radeon Graphics
Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB L2 / 8MB L3		
Ryzen 7 4700U	8	8	2.0 GHz	4.1 GHz	4MB L2 / 8MB L3		

Graphics	AMD Radeon Graphics in processor; supports external digital monitor via HDMI; supports two independent displays; Max resolution: 4096x2160 @24Hz (HDMI)
Chipset	AMD SoC (System on Chip) platform
Memory	16GB / 3200MHz DDR4, soldered to systemboard, no sockets

Display

Size	Resolution	Surface	Type	Brightness	Aspect Ratio	Color Gamut
14.0" (356mm)	FHD (1920x1080)	Glossy	IPS	250 nits	16:9	45%
			TN	220 nits		

Multi-touch	Capacitive-type, OGS (One Glass Solution) multi-touch, supports 10-finger gesture
Hinge	360 degree
Pen	*Optional*: Lenovo Digital Pen, with replaceable battery or without battery (battery need to be purchased separately for the models without battery)
Storage	*One of the following, configurable by model:* • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4
Optical	None
Ethernet	None
WLAN	WiFi 5 (802.11ac), 2x2, Wi-Fi + Bluetooth 4.2, M.2 Card
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Dimensions

	W	D	H
Metal	321.5mm / 12.65inch	217.5mm / 8.56inch	17.9 ~ 20.4mm / 0.70 ~ 0.80inch
Plastic			17.9 ~ 20.9mm / 0.70 ~ 0.82inch

Weight	Start at 1.5 kg / 3.3 lb;
Case color	Graphite Grey, Light Teal or Platinum Grey
Case material	*Display cover*: Plastic *Bottom*: PC / ABS

Media reader	4-in-1 media reader (MMC, SD, SDHC, SDXC)
Ports	One USB Type-C™ (with the function of Power Delivery 3.0 only), two USB 3.1 Type-A Gen 1 (one Always on), one HDMI® 1.4b, 4-in-1 media reader, 3.5mm (0.14inch) stereo audio / microphone combo jack (CTIA) ** Depending on many factors, actual data transfer speed may be lower than theoretical speed*
Monitor cable	None
Bundled Accy	None
Camera	HD720p camera with privacy shutter, fixed focus
Audio support	HD Audio, two speakers with Dolby® Atmos™ certification, 2W x 2 / dual-array microphone, 3.5mm (0.14inch) stereo audio / microphone combo jack (CTIA)
Keyboard	6-row, multimedia Fn keys, optional 2 level LED backlight
Touchpad	Buttonless Mylar® (BoPET) surface multi-touch touchpad
Security	Power on password, Hard disk password
Security chip	None
Fingerprint reader	*Optional*: Touch style Match-on-Host fingerprint reader
Light sensor	None
G-sensor	Accelerometer sensor
TV tuner	None
E-Compass	None
Gyroscope	None
Battery	Integrated Li-Ion 52.5Wh battery, supports Quick Charge (charge up to 80% in 1hr) and Smart Charge (get 120 mins use from 15 mins charge)
Max battery life	*MobileMark® 2014*: Up to 12hrs ** Battery life varies significantly with settings, usage, & other factors*
AC adapter	*One of the following, configurable by model:* • 65W USB Type-C • 65W Round Tip • 65W Round Tip (Wall Mount)
Preload	*Preloaded operating system:* • Windows® 10 Home 64 • Windows 10 Home in S mode • Windows 10 Pro 64
Limited warranty	*One of the following, configurable by model:* • 1-year depot repair service • 1-year depot with 2-year system board service • 2-year/1-yr battery depot repair service
Environment	EPEAT Silver; ENERGY STAR® 8.0; ErP Lot3; NRCan Testing; RoHS-compliant

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