IdeaPad 3 14IML05 Platform Specifications

Processor	Intel® Celeron® Processor, Intel Pentium® Gold Processor or 10th Generation Intel Core™ i3 / i5 / i7 Processor						

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Celeron 5205U	2	2	1.9 GHz	-	2MB	DDR4-2400	Intel UHD Graphics
Pentium Gold 6405U		4	2.4 GHz	-	2MB		
i3-10110U			2.1 GHz	4.1 GHz	4MB		
i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	DDR4-2666	
i7-10510U			1.8 GHz	4.9 GHz	8MB		

Graphics	Intel UHD Graphics in processor only, or Intel UHD Graphics in processor and NVIDIA® GeForce® MX130 or MX330, 2GB GDDR5 memory; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@30Hz (HDMI)
Chipset Memory	Intel SoC (System on Chip) platform 12GB max / 2400MHz DDR4 (Celeron, Pentium Gold model) or 2666MHz DDR4 (Core model), 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket
Display	*One of the following, configurable by model:* ● 14.0" (356mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio ● 14.0" (356mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio ● 14.0" (356mm) FHD (1920x1080), IPS, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio
Multi-touch	None
Storage	*Up to 2 drives (one HDD and one M.2 SSD):* ● HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high ● 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 + Bluetooth™	*One of the following, configurable by model:* ● 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card ● 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card
Dimensions Weight Case color Case material	*WxDxH:* 12.88" x 9.49" x 0.78"; 327.1mm x 241mm x 19.9mm 3.3 lb / 1.5 kg Abyss blue IMR, business black texture, cherry red IMR or platinum grey IMR PC/ABS plastic

Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) One USB 2.0, two USB 3.1 Gen 1, HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC), AC power adapter jack, headphone / microphone combo jack ** Depending on many factors, actual data transfer speed may be lower than theoretical speed*
Camera Audio support	0.3MP with privacy shutter, fixed focus, with dual array microphone HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack
Keyboard Touchpad	6-row, multimedia Fn keys Buttonless Mylar surface multi-touch touchpad
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset *Optional:* Touch style fingerprint reader on power button
Battery	Integrated Li-ion 35Wh or 45Wh battery, 45Wh battery supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
Max battery life	*MobileMark® 2014:* 9 hr (35Wh), 11.5 hr (45Wh) ** Battery life varies significantly with settings, usage, & other factors*
AC adapter	45W or 65W round tip AC adapter
Preload *(optional)*	Preloaded operating system ● Windows® 10 Home 64 ● Windows 10 Home in S mode ● Windows 10 Pro 64 *Preloaded applications (only some listed)* ● Microsoft Office 365 Home ● Microsoft Office 365 Personal ● Microsoft Office Home and Student 2019 ● Microsoft Office Home and Business 2019 ● Microsoft Office Trial (with 30-day license) ● Microsoft Office Professional 2019 ● Microsoft Office Personal 2019
Limited warranty	*One of the following, configurable by model:* • 1-year depot repair service • 1-year depot with 2-year system board repair service • 2-year/1-yr battery depot repair service
Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant

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