Flex-14IWL Intel Platform Specifications

Processor

Intel®Pentium® Processor or 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Pentium Gold 5405U	2	4	2.3 GHz	-	2MB	DDR4-2133	Intel UHD Graphics
i3-8145U			2.1 GHz	3.9 GHz	4MB	DDR4-2400	
i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB		
i7-8565U			1.8 GHz	4.6 GHz	8MB		

Graphics

Intel UHD Graphics in processor and
NVIDIA® GeForce® MX 230 (2GB GDDR5 memory);
supports external digital monitor via HDMI;
supports dual independent display;
Max resolution: 1920x1080@60Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

16GB max offering / 2400MHz DDR4,
optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket
* System clocks down for processors with lower memory controller

Display

One of the following, configurable by model:
- 14.0" (356mm) HD (1366x768), TN, glossy, LED backlight, 220 nits, 16:9 aspect ratio
- 14.0" (356mm) FHD (1920x1080), TN, glossy, LED backlight, 220 nits, 16:9 aspect ratio
- 14.0" (356mm) FHD (1920x1080), IPS, glossy, LED backlight, 250 nits, 16:9 aspect ratio

Multi-touch

Supports 10-finger gesture

Multi-mode

4 modes: notebook, tablet, stand and tent; 360° hinge

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 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 2242 PCIe NVMe)
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 2280 PCIe NVMe)

Optical

None

Ethernet

None

WLAN

One of the following, configurable by model:
- 802.11ac 1x1 Wi-Fi + Bluetooth 4.2
- 802.11ac 2x2 Wi-Fi + Bluetooth 4.2

Bluetooth™

Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Media reader

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

Ports

Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C™ Gen 1,
HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC),
AC power adapter jack, 3.5mm 0.14inch headphone / microphone combo jack
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Dimensions

WxDxH: 12.91" x 9.01" x 0.7"; 328mm x 229mm x 17.9mm

Weight

1.65 kg (3.64 lb)

Case color

Onyx black, abyss blue or platinum

Case material

Display cover: PC + GF
Bottom: PC/ABS plastic

Camera

HD720p (1.0MP) with privacy shutter, fixed focus

Audio support

HD Audio, Dolby Audio™, stereo speakers, 2W x 2,
dual array microphone, headphone / microphone combo jack

Keyboard

6-row, multimedia Fn keys, optional LED backlight

Touchpad

Buttonless mylar surface multi-touch touchpad

Security

Power-on password, administrator password, user password

Security chip

Firmware TPM 2.0

Fingerprint reader

Optional: touch style Match-on-Host fingerprint reader on the keyboard bezel

Battery

Integrated Li-Polymer 45Wh battery

Max battery life

MobileMark® 2014: 8 hrs
** Battery life varies significantly with hardware configurations, settings, usage, & other factors*

AC adapter

45W or 65W Round Tip AC adapter,
65W adapter supports rapid charge (1 hour 80%)

Preload

Preloaded operating system
- Windows® 10 Home 64
- Windows 10 Home S

Preloaded applications (only some listed)
- Microsoft Office Trial (with 30-day license)

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 2-year/1-yr battery depot repair service

Environment

ErP lot3; RoHS-compliant

The specifications above may not be available in all regions and might change by region.