

# Flex-14IWL Intel Platform Specifications

Product Specifications Reference (PSREF)

|                |                                                                                                                                                                                                                                                                                                                                                                               |            |              |                |                     |               |              |                        |                                                                                                           |                                                                                                                                                                                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|----------------|---------------------|---------------|--------------|------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor      | Intel®Pentium® Processor or 8th Generation Intel Core™ i3 / i5 / i7 Processor                                                                                                                                                                                                                                                                                                 |            |              |                |                     |               |              |                        | Dimensions                                                                                                | WxDxH: 12.91" x 9.01" x 0.7"; 328mm x 229mm x 17.9mm                                                                                                                                                                                                            |
|                | Processor Number                                                                                                                                                                                                                                                                                                                                                              | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache         | Memory Types | Processor Graphics     | Weight                                                                                                    | 1.65 kg (3.64 lb)                                                                                                                                                                                                                                               |
|                | Pentium Gold 5405U                                                                                                                                                                                                                                                                                                                                                            | 2          | 4            | 2.3 GHz        | -                   | 2MB           | DDR4-2133    | Intel UHD Graphics 610 | Case color                                                                                                | Onyx black, abyss blue or platinum                                                                                                                                                                                                                              |
|                | i3-8145U                                                                                                                                                                                                                                                                                                                                                                      |            |              | 2.1 GHz        | 3.9 GHz             | 4MB           | DDR4-2400    | Intel UHD Graphics 620 | Case material                                                                                             | Display cover: PC + GF<br>Bottom: PC/ABS plastic                                                                                                                                                                                                                |
|                | i5-8265U                                                                                                                                                                                                                                                                                                                                                                      | 4          | 8            | 1.6 GHz        | 3.9 GHz             | 6MB           |              |                        | Camera                                                                                                    | HD720p (1.0MP) with privacy shutter, fixed focus                                                                                                                                                                                                                |
| i7-8565U       | 1.8 GHz                                                                                                                                                                                                                                                                                                                                                                       |            |              | 4.6 GHz        | 8MB                 | Audio support |              |                        | HD Audio, Dolby Audio™, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack |                                                                                                                                                                                                                                                                 |
| Graphics       | Intel UHD Graphics 610 / 620 in processor only, or Intel UHD Graphics 620 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)                                                                                                                   |            |              |                |                     |               |              |                        | Keyboard                                                                                                  | 6-row, multimedia Fn keys, optional LED backlight                                                                                                                                                                                                               |
|                |                                                                                                                                                                                                                                                                                                                                                                               |            |              |                |                     |               |              |                        | Touchpad                                                                                                  | Buttonless mylar surface multi-touch touchpad                                                                                                                                                                                                                   |
| Chipset        | Intel SoC (System on Chip) platform<br>16GB max offering / 2400MHz DDR4, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket<br>* System clocks down for processors with lower memory controller                                                                                                                                                             |            |              |                |                     |               |              |                        | Security                                                                                                  | Power-on password, administrator password, user password                                                                                                                                                                                                        |
|                |                                                                                                                                                                                                                                                                                                                                                                               |            |              |                |                     |               |              |                        | Security chip                                                                                             | Firmware TPM 2.0                                                                                                                                                                                                                                                |
| Memory         |                                                                                                                                                                                                                                                                                                                                                                               |            |              |                |                     |               |              |                        | Fingerprint reader                                                                                        | Optional: touch style Match-on-Host fingerprint reader on the keyboard bezel                                                                                                                                                                                    |
|                |                                                                                                                                                                                                                                                                                                                                                                               |            |              |                |                     |               |              |                        | Battery                                                                                                   | Integrated Li-ion 45Wh battery                                                                                                                                                                                                                                  |
| Display        | One of the following, configurable by model: <ul style="list-style-type: none"><li>14.0" (356mm) HD (1366x768), TN, glossy, LED backlight, 220 nits, 16:9 aspect ratio</li><li>14.0" (356mm) FHD (1920x1080), TN, glossy, LED backlight, 220 nits, 16:9 aspect ratio</li><li>14.0" (356mm) FHD (1920x1080), IPS, glossy, LED backlight, 250 nits, 16:9 aspect ratio</li></ul> |            |              |                |                     |               |              |                        | Max battery life                                                                                          | MobileMark® 2014: 8 hrs<br>* Battery life varies significantly with settings, usage, & other factors                                                                                                                                                            |
|                |                                                                                                                                                                                                                                                                                                                                                                               |            |              |                |                     |               |              |                        | AC adapter                                                                                                | 45W or 65W Round Tip AC adapter, 65W adapter supports rapid charge (1 hour 80%)                                                                                                                                                                                 |
| Multi-touch    | Supports 10-finger gesture<br>4 modes: notebook, tablet, stand and tent; 360° hinge<br>Lenovo Active Pen 2, with replaceable battery or without battery (battery need to be purchased separately for the models without battery)                                                                                                                                              |            |              |                |                     |               |              |                        | Preload                                                                                                   | Preloaded operating system <ul style="list-style-type: none"><li>Windows® 10 Home 64</li><li>Windows 10 Home S</li></ul> Preloaded applications (only some listed) <ul style="list-style-type: none"><li>Microsoft Office Trial (with 30-day license)</li></ul> |
|                |                                                                                                                                                                                                                                                                                                                                                                               |            |              |                |                     |               |              |                        | Limited warranty                                                                                          | One of the following, configurable by model: <ul style="list-style-type: none"><li>1-year depot repair service</li><li>2-year/1-yr battery depot repair service</li></ul>                                                                                       |
| Multi-mode     |                                                                                                                                                                                                                                                                                                                                                                               |            |              |                |                     |               |              |                        | Environment                                                                                               | ENERGY STAR® 7.0; ErP lot3; RoHS-compliant                                                                                                                                                                                                                      |
| Pen (optional) |                                                                                                                                                                                                                                                                                                                                                                               |            |              |                |                     |               |              |                        |                                                                                                           |                                                                                                                                                                                                                                                                 |
| Storage        | One of the following, configurable by model: <ul style="list-style-type: none"><li>M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 2242 PCIe NVMe)</li><li>M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 2280 PCIe NVMe)</li></ul>                                                                                                              |            |              |                |                     |               |              |                        |                                                                                                           |                                                                                                                                                                                                                                                                 |
| Optical        | None                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |               |              |                        |                                                                                                           |                                                                                                                                                                                                                                                                 |
| Ethernet       | None                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |               |              |                        |                                                                                                           |                                                                                                                                                                                                                                                                 |
| WLAN           | One of the following, configurable by model: <ul style="list-style-type: none"><li>802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card</li><li>802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card</li></ul>                                                                                                                                                                                |            |              |                |                     |               |              |                        |                                                                                                           |                                                                                                                                                                                                                                                                 |
| 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<br>* Depending on many factors, actual data transfer speed may be lower than theoretical speed                                                                                    |            |              |                |                     |               |              |                        |                                                                                                           |                                                                                                                                                                                                                                                                 |

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

Lenovo  
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