

# ThinkBook 15 IIL 20SM000GMB

**Product**

ThinkBook 15 IIL

**Region**

WE

**Country/Region**

Belgium

**Machine Type**

20SM

**TopSeller**

TopSeller

**Processor**

Intel Core i7-1065G7 (4C / 8T, 1.3 / 3.9GHz, 8MB)

**Graphics**

Integrated Intel Iris Plus Graphics

**Chipset**

Intel SoC Platform

**Memory**

1x 16GB SO-DIMM DDR4-2666

**Storage**

512GB SSD M.2 2242 PCIe NVMe 3.0x2

**Display**

15.6" FHD (1920x1080) IPS 250nits Anti-glare

**Touchscreen**

None

**Optical**

None

**Media Reader**

4-in-1 Card Reader

**Ethernet**

100/1000M

**WLAN + Bluetooth**

11ax, 2x2 + BT5.0

**Case Material**

Aluminum (Top) + PC / ABS (Bottom)

**Camera**

720p with ThinkShutter

**Microphone**

2x, Array

**Color**

Mineral Grey

**Keyboard**

Backlit, Belgian

**Fingerprint Reader**

Touch Style

**TPM**

FW TPM 2.0

**Battery**

Integrated 45Wh

**Power Adapter**

65W Slim Tip

**Operating System**

Windows 10 Pro 64, Benelux (EN/FR/DE/NL)

**Bundled Software**

Office Trial

**Base Warranty**

1-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

194632478655

**End of Support**

2026-06-25

**Announce Date**

2020-02-10

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**Recommended Services****Best**

5Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36181)

**Better**

4Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36121)

**Good**

3Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36151)

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# ThinkBook 15 IIL Platform Specifications

Product Specifications Reference (PSREF)

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |              |                |                     |            |              |                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|----------------|---------------------|------------|--------------|---------------------------|
| Processor          | 10th Generation Intel® Core™ i3 / i5 / i7 Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |              |                |                     |            |              |                           |
|                    | Processor Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | # of Cores      | # of Threads | Base Frequency | Max Turbo Frequency | Cache      | Memory Types | Processor Graphics        |
|                    | i3-1005G1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2               | 4            | 1.2 GHz        | 3.4 GHz             | 4MB        | DDR4-3200    | Intel UHD Graphics        |
|                    | i5-1035G1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4               | 8            | 1.0 GHz        | 3.6 GHz             | 6MB        |              | Intel Iris® Plus Graphics |
|                    | i5-1035G4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              | 1.1 GHz        | 3.7 GHz             |            |              |                           |
|                    | i5-1035G7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              | 1.2 GHz        | 3.7 GHz             |            |              |                           |
| i7-1065G7          | 1.3 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |              | 3.9 GHz        | 8MB                 |            |              |                           |
| Graphics           | Intel UHD Graphics or Intel Iris Plus Graphics in processor only, or Intel UHD Graphics or Intel Iris Plus Graphics in processor and AMD Radeon™ 630, 2GB GDDR5 memory; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2160@30Hz (HDMI); 3840x2160@60Hz (USB Type-C)                                                                                                                                                                                                                                                   |                 |              |                |                     |            |              |                           |
| Chipset            | Intel SoC (System on Chip) platform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |              |                |                     |            |              |                           |
| Memory             | 16GB max / 2666MHz DDR4 or 3200MHz DDR4, one DDR4 SO-DIMM socket                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |              |                |                     |            |              |                           |
| Display            | Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Resolution      |              | Surface        | Type                | Brightness | Aspect Ratio | Contrast Ratio            |
|                    | 15.6" (396mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FHD (1920x1080) |              | Anti-glare     | TN                  | 220 nits   | 16:9         | 500:1                     |
|                    | 15.6" (396mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FHD (1920x1080) |              | Anti-glare     | IPS                 | 250 nits   | 16:9         | 800:1                     |
| Multi-touch        | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |              |                |                     |            |              |                           |
| Storage            | Up to 2 drives (one HDD and one M.2 SSD): <ul style="list-style-type: none"><li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System</li><li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2</li><li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li><li>Intel Optane™ Memory H10 with SSD, M.2 2280, PCIe NVMe 3.0 x 4</li></ul>                                                                                                                                                                                                                                                            |                 |              |                |                     |            |              |                           |
| Optical            | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |              |                |                     |            |              |                           |
| Ethernet           | Gigabit Ethernet connection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |              |                |                     |            |              |                           |
| WLAN               | One of the following, configurable by model: <ul style="list-style-type: none"><li>802.11ac 1x1 Wi-Fi + Bluetooth 5.0, M.2 card</li><li>802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 card</li><li>802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 card</li></ul>                                                                                                                                                                                                                                                                                                                                         |                 |              |                |                     |            |              |                           |
| Bluetooth™         | Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |              |                |                     |            |              |                           |
| Dimensions         | WxDxH: 14.33" x 9.65" x 0.74"; 364mm x 245mm x 18.9mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |              |                |                     |            |              |                           |
| Weight             | Starting at 3.97 lb / 1.8 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |              |                |                     |            |              |                           |
| Case color         | Mineral Grey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |              |                |                     |            |              |                           |
| Case material      | Display cover: Aluminum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |              |                |                     |            |              |                           |
|                    | Bottom: PC/ABS plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |              |                |                     |            |              |                           |
| Media reader Ports | 4-in-1 media reader (MMC, SD, SDHC, SDXC)<br>One hidden USB 2.0, two USB 3.1 Gen 1 (one Always On), One USB-C 3.1 Gen 1, one USB-C 3.1 Gen 2 (with the function of DisplayPort and power delivery), HDMI 1.4b, security keyhole, Ethernet (RJ45), 4-in-1 media reader (MMC, SD, SDHC, SDXC), headphone / microphone combo jack, AC power adapter jack<br><i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>                                                                                                                                 |                 |              |                |                     |            |              |                           |
| Camera             | HD720p camera with ThinkShutter, fixed focus, integrated dual array digital microphone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |              |                |                     |            |              |                           |
| Audio support      | HD Audio, Realtek ALC3287 codec, stereo speakers, 2W x 2, Dolby Audio™, dual array digital microphone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |              |                |                     |            |              |                           |
| Keyboard           | 6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |              |                |                     |            |              |                           |
| Trackpad           | Buttonless Mylar surface touchpad, multi-touch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |              |                |                     |            |              |                           |
| Security           | Power-on password, hard disk password, supervisor password, security keyhole                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |              |                |                     |            |              |                           |
| Security chip      | Firmware TPM 2.0 integrated in chipset                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |              |                |                     |            |              |                           |
| Fingerprint reader | Optional: Touch style fingerprint reader on power button                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |              |                |                     |            |              |                           |
| Battery            | Integrated Li-Polymer 45Wh (supports Rapid Charge 1 hr 80%) or 57Wh battery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |              |                |                     |            |              |                           |
| Max battery life   | MobileMark® 2014: 9 hr (45Wh) or 12 hr (57Wh)<br><i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |              |                |                     |            |              |                           |
| AC adapter         | 65W slim tip (rectangle) or slim USB-C AC adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |              |                |                     |            |              |                           |
| Preload (optional) | Preloaded operating system <ul style="list-style-type: none"><li>Windows® 10 Home 64</li><li>Windows 10 Home in S mode</li><li>Windows 10 Pro 64</li><li>Windows 10 Pro in S mode</li></ul> Preloaded applications (only some listed) <ul style="list-style-type: none"><li>Microsoft Office Home and Business 2019</li><li>Microsoft Office Home and Student 2019</li><li>Microsoft Office Trial (with 30-day license)</li><li>Microsoft Office 365 Home</li><li>Microsoft Office 365 Personal</li><li>Microsoft Office Professional 2019</li><li>Microsoft Office Personal 2019</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>1-year with 2-year system board repair service</li><li>2-year/1-yr battery depot repair service</li></ul>                                                                                                                                                                                                                                                                                                                                                            |                 |              |                |                     |            |              |                           |
| Mil-Spec test      | MIL-STD-810G military testing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |              |                |                     |            |              |                           |
| Environment        | EPEAT™ Silver; ENERGY STAR® 7.1; ErP lot3, RoHS-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              |                |                     |            |              |                           |

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

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