

# ThinkBook 14-IML 20RV002TPG

**Product**

ThinkBook 14-IML

**Region**

WE

**Country/Region**

Portugal

**Machine Type**

20RV

**TopSeller**

TopSeller

**Processor**

Intel Core i3-10110U (2C / 4T, 2.1 / 4.1GHz, 4MB)

**Graphics**

Integrated Intel UHD Graphics

**Chipset**

Intel SoC Platform

**Memory**

8GB Soldered DDR4-2666

**Storage**

256GB SSD M.2 2280 PCIe NVMe

**Display**

14" FHD (1920x1080) TN 220nits Anti-glare

**Touchscreen**

None

**Optical**

None

**Media Reader**

4-in-1

**Ethernet**

100/1000M

**WLAN + Bluetooth**

11ac, 2x2 + BT5.0

**Case Material**

Aluminum

**Camera**

720p with ThinkShutter

**Microphone**

2x, Array

**Color**

Mineral Grey

**Keyboard**

Backlit, Portuguese

**Fingerprint Reader**

Touch Style

**TPM**

FW TPM 2.0

**Battery**

Integrated 45Wh

**Power Adapter**

65W Slim Tip

**Operating System**

Windows 10 Pro 64, Portuguese / English

**Bundled Software**

Office Trial

**Base Warranty**

1-year, Depot

**Bundled Service**

None

**EAN / UPC**

194552447656

**End of Support**

2025-11-14

**Announce Date**

2019-10-14

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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 14-IML Platform Specifications

Product Specifications Reference (PSREF)

|               |                                                                                                                                                                                                                                                                                                                                                                                                                         |            |              |                |                     |       |              |                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|----------------|---------------------|-------|--------------|--------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------|------------|--------------|----------------|---------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------|------|-------|---------------|-----------------|------------|-----|----------|------|-------|--------------------|-----------------------------------------------------------------|
| Processor     | 10th Generation Intel® Core™ i3 / i5 / i7 Processor                                                                                                                                                                                                                                                                                                                                                                     |            |              |                |                     |       |              |                    | 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 with Always On),<br>One USB-C 3.1 Gen 1, one USB-C 3.1 Gen 2 (with the function of DisplayPort and power delivery), 4-in-1 media reader (MMC, SD, SDHC, SDXC), Ethernet (RJ45),<br>HDMI 1.4b, 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> |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
|               | Processor Number                                                                                                                                                                                                                                                                                                                                                                                                        | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
|               | i3-10110U                                                                                                                                                                                                                                                                                                                                                                                                               | 2          | 4            | 2.1 GHz        | 4.1 GHz             | 4MB   | DDR4-2666    | Intel UHD Graphics |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
|               | i5-10210U                                                                                                                                                                                                                                                                                                                                                                                                               | 4          | 8            | 1.6 GHz        | 4.2 GHz             | 6MB   |              |                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
|               | i7-10510U                                                                                                                                                                                                                                                                                                                                                                                                               |            |              | 1.8 GHz        | 4.9 GHz             | 8MB   |              |                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| i7-10710U     | 6                                                                                                                                                                                                                                                                                                                                                                                                                       | 12         | 1.1 GHz      | 4.7 GHz        | 12MB                |       |              |                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Graphics      | Intel UHD Graphics in processor only or,<br>Intel UHD Graphics in processor and AMD Radeon™ 625, 2GB GDDR5 memory;<br>supports external digital monitor via HDMI or USB Type-C;<br>supports three independent displays;<br>Max resolution: 3840x2160@60Hz (USB Type-C); 3840x2160@30Hz (HDMI)                                                                                                                           |            |              |                |                     |       |              |                    | Camera Audio support        | HD720p, fixed focus, ThinkShutter, integrated dual array digital microphone<br>HD Audio, Realtek ALC3287 codec, stereo speakers, 2W x 2,<br>Dolby® Audio™, dual array digital microphone                                                                                                                                                                                                                                                             |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Chipset       | Intel SoC (System on Chip) platform<br>24GB max / 2666MHz DDR4, 4GB or 8GB memory soldered to systemboard,<br>one DDR4 SO-DIMM socket                                                                                                                                                                                                                                                                                   |            |              |                |                     |       |              |                    | Keyboard Trackpad           | 6-row, spill-resistant, multimedia Fn keys, optional LED backlight<br>Buttonless Mylar surface touchpad, multi-touch                                                                                                                                                                                                                                                                                                                                 |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Memory        |                                                                                                                                                                                                                                                                                                                                                                                                                         |            |              |                |                     |       |              |                    | Security Security chip      | Power-on password, hard disk password, supervisor password<br>Firmware TPM 2.0 integrated in chipset                                                                                                                                                                                                                                                                                                                                                 |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Display       | <table><tr><td>Size</td><td>Resolution</td><td>Surface</td><td>Type</td><td>Brightness</td><td>Aspect Ratio</td><td>Contrast Ratio</td></tr><tr><td>14.0" (356mm)</td><td>FHD (1920x1080)</td><td>Anti-glare</td><td>TN</td><td>220 nits</td><td>16:9</td><td>500:1</td></tr><tr><td>14.0" (356mm)</td><td>FHD (1920x1080)</td><td>Anti-glare</td><td>IPS</td><td>250 nits</td><td>16:9</td><td>800:1</td></tr></table> |            |              |                |                     |       |              |                    | Size                        | Resolution                                                                                                                                                                                                                                                                                                                                                                                                                                           | Surface    | Type | Brightness | Aspect Ratio | Contrast Ratio | 14.0" (356mm) | FHD (1920x1080)    | Anti-glare                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TN | 220 nits | 16:9 | 500:1 | 14.0" (356mm) | FHD (1920x1080) | Anti-glare | IPS | 250 nits | 16:9 | 800:1 | Fingerprint reader | <i>Optional:</i> Touch style fingerprint reader on power button |
|               |                                                                                                                                                                                                                                                                                                                                                                                                                         |            |              |                |                     |       |              |                    | Size                        | Resolution                                                                                                                                                                                                                                                                                                                                                                                                                                           | Surface    | Type | Brightness | Aspect Ratio | Contrast Ratio |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
|               |                                                                                                                                                                                                                                                                                                                                                                                                                         |            |              |                |                     |       |              |                    | 14.0" (356mm)               | FHD (1920x1080)                                                                                                                                                                                                                                                                                                                                                                                                                                      | Anti-glare | TN   | 220 nits   | 16:9         | 500:1          |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| 14.0" (356mm) | FHD (1920x1080)                                                                                                                                                                                                                                                                                                                                                                                                         | Anti-glare | IPS          | 250 nits       | 16:9                | 800:1 |              |                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Multi-touch   | None                                                                                                                                                                                                                                                                                                                                                                                                                    |            |              |                |                     |       |              |                    | Battery Max battery life    | Integrated Li-ion 45Wh (supports Rapid Charge 1 hr 80%) or 57Wh battery<br><i>MobileMark® 2014: 9 hr (45Wh) or 12 hr (57Wh)</i><br><i>* Battery life varies significantly with settings, usage, &amp; other factors</i>                                                                                                                                                                                                                              |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Storage       | <i>Up to 2 drives (one HDD and one M.2 SSD):</i> <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>                                                                                 |            |              |                |                     |       |              |                    | AC adapter                  | 65W slim tip (rectangle) or slim USB-C AC adapter                                                                                                                                                                                                                                                                                                                                                                                                    |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Optical       |                                                                                                                                                                                                                                                                                                                                                                                                                         |            |              |                |                     |       |              |                    | None                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               | Preload (optional) | <i>Preloaded operating system</i> <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> <i>Preloaded applications (only some listed)</i> <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 Pro 2019</li><li>Microsoft Office Trial (with 30-day license)</li><li>Microsoft Office 365 Personal</li></ul> |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Ethernet      |                                                                                                                                                                                                                                                                                                                                                                                                                         |            |              |                |                     |       |              |                    | Gigabit Ethernet connection |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               | Limited warranty   | <i>One of the following, configurable by model:</i> <ul style="list-style-type: none"><li>1-year depot repair service</li><li>1-year/2-yr system board depot repair service</li><li>2-year/1-yr battery depot repair service</li></ul>                                                                                                                                                                                                                                                                                  |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| WLAN          | <i>One of the following, configurable by model:</i> <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>                                                                                                                                                              |            |              |                |                     |       |              |                    | Mil-Spec test               | MIL-STD-810G military testing                                                                                                                                                                                                                                                                                                                                                                                                                        |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Bluetooth™    | Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter                                                                                                                                                                                                                                                                                                                                                   |            |              |                |                     |       |              |                    | Environment                 | EPEAT™ Silver; ENERGY STAR® 7.1; ErP lot3, RoHS-compliant                                                                                                                                                                                                                                                                                                                                                                                            |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Dimensions    | WxDxH: 12.8" x 9.06" x 0.7"; 326mm x 230mm x 17.9mm                                                                                                                                                                                                                                                                                                                                                                     |            |              |                |                     |       |              |                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Weight        | Starting at 3.3 lb / 1.5 kg                                                                                                                                                                                                                                                                                                                                                                                             |            |              |                |                     |       |              |                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Case color    | Mineral Grey                                                                                                                                                                                                                                                                                                                                                                                                            |            |              |                |                     |       |              |                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |
| Case material | Aluminum                                                                                                                                                                                                                                                                                                                                                                                                                |            |              |                |                     |       |              |                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |            |              |                |               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |          |      |       |               |                 |            |     |          |      |       |                    |                                                                 |

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

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