



Lenovo Z51-70 Platform Specifications

Product Specifications Reference (PSREF)

| | | | | | | | | | | |
|--------------------|--|------------|--------------|----------------|---------------------|-------|---------------|------------------------|---|--|
| Processor | 5th Generation Intel® Core™ i3 / i5 / i7 Processors | | | | | | | Camera | <i>Some:</i> 720p HD, 1.0MP resolution, fixed focus, combo array mic <i>Some:</i> Intel® RealSense™ 3D camera, combo array mic | |
| | Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Speed | Processor Graphics | Audio support | <i>Some:</i> Stereo speakers with Dolby® Home Theater, 2.5W x 2 <i>Some:</i> JBL speakers with Dolby® Home Theater, 2.5W x 2 2.0 channel, dual array microphone, combo audio / microphone jack |
| | i3-5005U | 2 | 4 | 2.0 GHz | - | 3MB | DDR3L-1600MHZ | Intel HD graphics 5500 | Keyboard <i>Some:</i> AccuType® keyboard, full-size keyboard, 6-row, multimedia Fn keys, numeric keypad <i>Some:</i> AccuType® keyboard with backlight, full-size keyboard, 6-row, multimedia Fn keys, numeric keypad | |
| | i3-5010U | | | 2.1 GHz | - | 3MB | | | | |
| | i5-5200U | | | 2.2 GHz | 2.7 GHz | 3MB | | | | |
| i7-5500U | 2.4 GHz | | | 3.0 GHz | 4MB | | | | | |
| Graphics | <i>Some:</i> Intel HD Graphics 5500 only, integrated in processor <i>Some:</i> Integrated Intel Graphics and AMD Radeon™ R7 M360, 2GB or 4GB memory <i>Some:</i> Integrated Intel Graphics and AMD Radeon™ R9 M375, 2GB or 4GB memory Max video resolution supported for external monitor: 1920x1200@60Hz (HDMI 1.4a); 3840 x 2160@30Hz, 24bpp (VGA) | | | | | | | Touchpad | One-piece multi-touch touchpad with button | |
| Chipset | Intel Soc (System on Chip) platform | | | | | | | Security | Power-on password, hard disk password, supervisor password, security keyhole | |
| Memory | 16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets | | | | | | | Security chip | None | |
| Widescreen display | <i>Some:</i> 15.6" (396.2mm) FHD (1920x1080), anti-glare, LED backlight, 16:9 aspect ratio, 200 nits, 400:1 contrast ratio | | | | | | | Fingerprint reader | None | |
| | <i>Some:</i> 15.6" (396.2mm) FHD (1920x1080), glare, LED backlight, 16:9 aspect ratio, 200 nits, 500:1 contrast ratio | | | | | | | Battery type | Li-Cylinder 4-cell (32Wh or 41Wh) battery | |
| Multi-touch | None | | | | | | | Battery life | Up to 4hrs | |
| Storage | <i>Some:</i> HDD / 2.5" wide, 9.5mm or 7mm high <i>Some:</i> Hybrid drive with 8GB NAND flash memory, 2.5" wide, 9.5mm or 7mm high <i>Some:</i> SSD / SATA 6.0 Gb/s, 2.5" wide | | | | | | | AC adapter | <i>Some:</i> 45-watt AC adapter, for models with integrated graphics only <i>Some:</i> 65-watt AC adapter, for models with discrete graphics | |
| Optical (optional) | Integrated ODD with DVD±RW, 9.0mm high, tray-in | | | | | | | Preload | <i>Some:</i> Windows® 8.1 64-bit <i>Some:</i> Windows 8.1 professional 64-bit <i>Some:</i> Windows 10 Home 64 Preinstalled software includes but not limited to the following: <ul style="list-style-type: none"> • Lenovo Veriface® Pro • Zinio® Online Newsstand • Lenovo Companion • Amazon Kindle • Evernote® • Lenovo® Support • McAfee® LiveSafe™ (30-day trial) • Microsoft Office preloaded; purchase a product key to activate Software for models with 3D camera | |
| Ethernet WLAN | Gigabit Ethernet connection <i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> • 11ac, 1x1, Wi-Fi + BT4.0 combo adapter, M.2 Card • Intel Dual Band Wireless-AC 3160, 1x1, Wi-Fi + BT4.0 combo adapter, M.2 Card, Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter | | | | | | | Limited warranty | 1 or 2 years limited warranty / service upgrades available | |
| Bluetooth™ WWAN | None | | | | | | | Environment | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant | |
| Dimensions | WxDxH: 15.12" x 10.43" x 0.97" (384mm x 265mm x 24.6mm) | | | | | | | | | |
| Weight | 2.3kg (5.07lb) with 4-cell battery | | | | | | | | | |
| Case color | <i>Top:</i> black or white; <i>Bottom:</i> black or white, match top color | | | | | | | | | |
| Case material | <i>Top:</i> PC/ABS plastic; <i>Bottom:</i> PC/ABS plastic | | | | | | | | | |
| Media reader | 4-in-1 reader (SD, SDHC, SDXC, MMC) | | | | | | | | | |
| Ports | USB 3.0 x 2, USB 2.0 x 1, VGA, HDMI, Ethernet (RJ-45), audio combo jack | | | | | | | | | |
| TV tuner | None | | | | | | | | | |

| Model | Product | Region | Processor | Graphics | Memory | Display | Multi-touch | Storage(HDD/SSD) | Optical | Ethernet | WLAN + Bluetooth | WWAN | Color | Camera | Micro-phone | Speaker | Keyboard | Battery | Power Adapter | OS | Warranty | Ann Date (m/y) |
|------------|---------------|--------|-----------|-----------------|--------|----------------------------------|-------------|------------------------|---------|-----------|----------------------------|------|-------|-----------|-------------|---------------|-------------|---------------|---------------|-------------------|----------|----------------|
| 80K6002TCF | Lenovo Z51-70 | Canada | i3-5010U | Intel HD 5500 | 4GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 500GB 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | Stereo 2.5Wx2 | Non-backlit | 4-cell (32Wh) | 45W | Win8.1 64-bit | 1-year | 05/15 |
| 80K6002UCF | Lenovo Z51-70 | Canada | i5-5200U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | Stereo 2.5Wx2 | Non-backlit | 4-cell (32Wh) | 45W | Win8.1 64-bit | 1-year | 05/15 |
| 80K6002VCF | Lenovo Z51-70 | Canada | i5-5200U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | Stereo 2.5Wx2 | Non-backlit | 4-cell (41Wh) | 45W | Win8.1 64-bit | 1-year | 05/15 |
| 80K6002XCF | Lenovo Z51-70 | Canada | i7-5500U | AMD R9 M375 2GB | 8GBx2 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB (8GB) SSHD 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 90W | Win8.1 64-bit | 1-year | 05/15 |
| 80K600QDCF | Lenovo Z51-70 | Canada | i7-5500U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 500GB 5400rpm | DVD±RW | 100/1000M | 11ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 45W | Win10 Home 64 | 1-year | 07/15 |
| 80K600QFCF | Lenovo Z51-70 | Canada | i5-5200U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 500GB 5400rpm | DVD±RW | 100/1000M | 11ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 45W | Win10 Home 64 | 1-year | 07/15 |
| 80K600QLCF | Lenovo Z51-70 | Canada | i7-5500U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB 5400rpm | DVD±RW | 100/1000M | 11ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 45W | Win10 Home 64 | 1-year | 07/15 |
| 80K600QMCF | Lenovo Z51-70 | Canada | i5-5200U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 500GB 5400rpm | DVD±RW | 100/1000M | 11ac, 1x1 + BT4.0 | None | White | 720p | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 45W | Win10 Home 64 | 1-year | 07/15 |
| 80K600QNCF | Lenovo Z51-70 | Canada | i5-5200U | AMD R9 M375 2GB | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB 5400rpm | DVD±RW | 100/1000M | 11ac, 1x1 + BT4.0 | None | Black | 3D Camera | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 90W | Win10 Home 64 | 1-year | 07/15 |
| 80K600QRUS | Lenovo Z51-70 | US | i7-5500U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 500GB 5400rpm | DVD±RW | 100/1000M | 11ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 45W | Win10 Home 64 | 1-year | 07/15 |
| 80K600QSUS | Lenovo Z51-70 | US | i5-5200U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 500GB 5400rpm | DVD±RW | 100/1000M | 11ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | Stereo 2.5Wx2 | Non-backlit | 4-cell (41Wh) | 45W | Win10 Home 64 | 1-year | 07/15 |
| 80K601DEUS | Lenovo Z51-70 | US | i7-5500U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | Stereo 2.5Wx2 | Non-backlit | 4-cell (41Wh) | 45W | Win10 Home 64 | 1-year | 03/16 |
| 80K600QGUS | Lenovo Z51-70 | US | i5-5200U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 500GB 5400rpm | DVD±RW | 100/1000M | 11ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 45W | Win10 Home 64 | 1-year | 07/15 |
| 80K600QHUS | Lenovo Z51-70 | US | i7-5500U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB 5400rpm | DVD±RW | 100/1000M | 11ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 45W | Win10 Home 64 | 1-year | 07/15 |
| 80K6002MUS | Lenovo Z51-70 | US | i3-5010U | Intel HD 5500 | 4GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 500GB 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | Stereo 2.5Wx2 | Non-backlit | 4-cell (32Wh) | 45W | Win8.1 64-bit | 1-year | 05/15 |
| 80K6002NUS | Lenovo Z51-70 | US | i5-5200U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | Stereo 2.5Wx2 | Non-backlit | 4-cell (32Wh) | 45W | Win8.1 64-bit | 1-year | 04/15 |
| 80K6002PUS | Lenovo Z51-70 | US | i7-5500U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | Stereo 2.5Wx2 | Non-backlit | 4-cell (41Wh) | 45W | Win8.1 64-bit | 1-year | 05/15 |
| 80K6002QUS | Lenovo Z51-70 | US | i7-5500U | AMD R9 M375 2GB | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB (8GB) SSHD 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | Stereo 2.5Wx2 | Non-backlit | 4-cell (41Wh) | 90W | Win8.1 64-bit | 1-year | 04/15 |
| 80K6002RUS | Lenovo Z51-70 | US | i7-5500U | AMD R9 M375 2GB | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB (8GB) SSHD 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | Stereo 2.5Wx2 | Non-backlit | 4-cell (41Wh) | 90W | Win8.1 Pro 64-bit | 1-year | 05/15 |
| 80K6002SUS | Lenovo Z51-70 | US | i7-5500U | AMD R9 M375 4GB | 8GBx2 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB (8GB) SSHD 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | Black | 720p | Dual Array | Stereo 2.5Wx2 | Non-backlit | 4-cell (41Wh) | 90W | Win8.1 64-bit | 1-year | 04/15 |

| Model | Product | Region | Processor | Graphics | Memory | Display | Multi-touch | Storage(HDD/SSD) | Optical | Ethernet | WLAN + Bluetooth | WWAN | Color | Camera | Micro-phone | Speaker | Keyboard | Battery | Power Adapter | OS | Warranty | Ann Date (m/y) |
|------------|---------------|--------|-----------|-----------------|--------|----------------------------------|-------------|--------------------------|---------|-----------|----------------------------|------|-------|-----------|-------------|------------|-------------|---------------|---------------|---------------|----------|----------------|
| 80K6002YUS | Lenovo Z51-70 | US | i7-5500U | AMD R9 M375 2GB | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB (8GB) SSHD 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | White | 3D Camera | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 90W | Win8.1 64-bit | 1-year | 05/15 |
| 80K60030US | Lenovo Z51-70 | US | i7-5500U | AMD R9 M375 4GB | 8GBx2 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB (8GB) SSHD 5400rpm | DVD±RW | 100/1000M | Intel 3160 ac, 1x1 + BT4.0 | None | White | 3D Camera | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 90W | Win8.1 64-bit | 1-year | 06/15 |
| 80K600Q8US | Lenovo Z51-70 | US | i7-5500U | AMD R9 M375 2GB | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 1TB 5400rpm | DVD±RW | 100/1000M | 11ac, 1x1 + BT4.0 | None | White | 3D Camera | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 90W | Win10 Home 64 | 1-year | 07/15 |
| 80K600QAUS | Lenovo Z51-70 | US | i5-5200U | AMD R9 M375 2GB | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 500GB (8GB) SSHD 5400rpm | DVD±RW | 100/1000M | 11ac, 1x1 + BT4.0 | None | Black | 3D Camera | Dual Array | JBL 2.5Wx2 | Non-backlit | 4-cell (41Wh) | 90W | Win10 Home 64 | 1-year | 07/15 |
| 80K600QCUS | Lenovo Z51-70 | US | i5-5200U | Intel HD 5500 | 8GBx1 | 15.6" FHD (1920x1080) Anti-glare | None | 500GB 5400rpm | DVD±RW | 100/1000M | 11ac, 1x1 + BT4.0 | None | White | 720p | Dual Array | JBL 2.5Wx2 | Backlit | 4-cell (41Wh) | 45W | Win10 Home 64 | 1-year | 07/15 |