

# IdeaPad™ Y560 (0646) - ATI (Windows 7) - web only models

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	Max turbo GHz (GHz)	Memory (MHz)	Widescreen or display	CCFL or LED	Discrete graphics	SATA disk GB <sup>8</sup> rpm	mSATA SSD	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date	
0646-5RU	i3-380M	2.53	4GBx1	1066	15.6" HD	LED	HD 5730	500GB	5400	DVD±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
0646-5NU	i5-480M	2.66	4GBx1	1066	15.6" HD	LED	HD 5730	500GB	5400	DVD±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
0646-5CU	i7-740QM	1.73 2.93	4GBx2	1033	15.6" HD	LED	HD 5730	500GB	7200	DVD±RW	Intel 1000	Black	Blue	Prem 64	Dec 10

- **15.6" widescreen, glossy display with LED backlight**
- **Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face**
- **Touch pad supports multi-touch function (pinch, expansion, chiral motion)**
- **Dolby® Home Theater® premium audio system with two JBL® stereo speakers**
- **Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions**
- **Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows**
- **OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> <b>Intel® Core™ i3-380M/i5-480M with dual-core or i7-740QM with quad-core</b> DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache	<b>Preloaded operating system<sup>20</sup></b> - Genuine Windows® 7 Home Premium 64
Memory	<b>4GB or 8GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-up to 1333MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	<b>Preloaded applications<sup>14</sup></b> (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • ooVoo™ • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • Windows Live Essential • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate
Diskette drive	None	• VeriFace™ • Lenovo Energy Management Software
SATA optical	<i>Some:</i> DVD burner dual-layer support, fixed, not removable, 12.7mm high, tray-in	• Cyberlink Power2Go (DVD±RW) • Media Show • Lenovo DirectShare • Lenovo SlideNav
SATA disk	<i>Some:</i> DVD recordable, 12.7mm, tray-in <b>500GB</b> (5400 or 7200 rpm) / SATA 3.0Gb/s, 9.5mm high	• 120-watt AC adapter • Wireless on/off switch • EPEAT™ Gold rating • ENERGY STAR® 5.0-compliant • RoHS-compliant
Widescreen display	<b>15.6"</b> (396.2mm) <b>HD (WXGA 1366x768) TFT color, VibrantView</b> (glossy); <b>LED backlight</b> , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	
Discrete graphics	<b>ATI™ Mobility Radeon™ HD 5730</b> , PCI Express® x16, <b>1GB</b> memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant	
Keyboard	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons	
Touch controls	Lenovo SlideNav bar, OneKey Theater and Energy Management keys	
Light sensor	Ambient light sensor	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions <sup>3</sup>	( <i>WxDxH</i> ): 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm	
Weight <sup>2</sup>	with optical drive and battery: <i>6-cell</i> : 5.95lb (2.7 kg)	
Case color	Black top with engraved pattern, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion <b>6-cell</b>	
Battery - life <sup>10</sup>	Up to 3 hr	
Chipset	<b>Mobile Intel HM55 Express Chipset</b>	
ExpressCard/34	One slot (ExpressCard/34)	
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)	
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	<b>Limited Warranty<sup>12</sup></b> ↪ <b>1-year parts and labor</b> ↪ <b>Depot repair service<sup>19</sup></b> ↪ <b>Service upgrade options (in eligible locations):<sup>9</sup></b> • <b>1-year Lenovo Onsite Repair<sup>13</sup></b> 78Y1532 • <b>1-year Onsite with accidental damage protection</b> 78Y1533 • <b>2-year Lenovo Onsite Repair<sup>13</sup></b> 78Y1536 • <b>3-year Lenovo Depot Repair</b> 78Y1538 ↪ <b>24x<sup>16</sup> toll-free support for warranty issues during the warranty period<sup>12</sup> via 877-453-6686</b>
TV tuner	None	
PCIe Mini Card	Three PCIe Mini Card slots	
Intel 1000 <sup>28</sup>	<i>Some:</i> 11b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2	
Intel 6200 <sup>28</sup>	<i>Some:</i> 11a/b/g/n wireless <sup>4</sup> , PCIe Half Mini Card, Intel Centrino Advanced-N 6200, 2x2	
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator	
Modem	None	
Ethernet	Gigabit ethernet, Broadcom® BCM57780, PCIe x1	
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)	
Security	Power-on password, hard disk password, supervisor password,, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information  
<sup>13</sup> US model announced November 1, 2010

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