ThinkPad T430s



Lenovo® ThinkPad T430s



Lenovo ThinkPad T430s



Lenovo ThinkPad T430s with Lenovo Essential Notebook Stand 45J9292, notebook, keyboard and mouse



Lenovo ThinkPad T430s with USB 3.0 Secure 750GB Hard Drive 0A65616



Lenovo ThinkPad T430s



Lenovo ThinkPad T430s with USB 3.0 Secure 750GB Hard Drive 0A65616

ThinkPad T430s 2355

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCIe Mini Card WLAN	PCIe Mini Car WWAN/ mSATA	d SIM card	Finger print reader	battery	/ terv	Intel	obal (GMP (P)	Pre-	Ann Date (mm/yy)
2355-HMG	i7-3520M	4GBx1	14.0" HD+	720p	320G 7200	None	Intel 6205 ²⁸	WWAN upg	None	Finger	No	6	vPro	G	Pro 6	4 06/12
2355-HLG	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	None	Finger	No	6	vPro	G	Pro 64	4 06/12
2355-HKG	i7-3520M	4GBx2	14.0" HD+	720p	180G SSD	None	Intel 6205	WWAN upg	None	Finger	No	6	vPro	G	Pro 64	4 06/12
2355-HFG	i5-3320M	4GBx1	14.0" HD+	720p	128G SSD	None	Intel 6205	WWAN upg	None	Finger	No	6	vPro	G	Pro 64	4 06/12
2355-HDG	i5-3320M	4GBx1	14.0" HD+	None	320G 7200	None	Intel 6205	WWAN upg	None	Finger	3	6	vPro	G	Pro 64	4 06/12
2355-G3G	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	None	Finger	No	6	vPro	G	Pro 64	4 06/12
2355-G2G	i5-3320M	4GBx1	14.0" HD+	720p	320G 7200	None	Intel 6205	WWAN upg	None	Finger	No	6	vPro	G	Pro 64	4 06/12

Positioning Processor	Premiere performance and ultraportability; two spindles Intel® Core™ i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core i7-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64 Ready to install applications ¹⁴ (only some listed)
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	 Rescue and Recovery™ Password Manager
Optical Bay battery Ultrabay SATA disk mSATA™ SSD	DVD burner, 9.5mm Ultrabay slim, removable <i>Some:</i> ThinkPad Battery 43 (3-cell, bay) (0A36310), used in Option Bay One modular bay for interchangeable devices (right side), 9.5mm high, bottom access <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive None	Preloaded applications¹⁴ (only some listed) Lenovo® Solution Center Lenovo Message Center Plus ThinkVantage Product Recovery Access Connections™ Fingerprint Software (fingerprint models)
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	 ThinkVantage System Update ThinkVantage Power Manager Lenovo Cloud Storage by SugarSync Lenovo SimpleTap
Graphics	Intel HD Graphics 4000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA)	 Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 Evernote® Intel Small Business Advantage RapidBoot HDD Accelerator Symantec™ VIP
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.5" x 9.05" x 0.83–1.02"; 343mm x 230mm x 21.2–26.0mm 6-cell: from 3.96 lb (1.79kg) Display cover: Hybrid Carbon-fiber reinforced plastic; Bottom: Magnesium alloy Lithium Ion 6-cell, supports optional Ultrabay Slim battery as 2nd battery, HW authentication 6-cell (43.2Whr): up to 7.6 hr; 6-cell plus 3-cell Bay battery (31.3Whr): up to 13.2 hr	 Windows Live™ Essentials Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo
Chipset ExpressCard Smart Card Read Multicard Reader Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) via ExpressCard adapter Two USB 3.0, one powered USB 2.0, ethernet (RJ-45), VGA DB-15, Mini DisplayPort (Mini DP / Thunderbolt™ combo port on i7 integrated model, switch via BIOS)	Edition (DVD±RW)
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN SIM card	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Wireless WAN upgradable None	
Modem IEEE 1394	None None	Supports ThinkVantage® technologies
Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reader	Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Silver rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support
Limited warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available	during the warranty period ¹²

ThinkPad T430s 2355 (Windows 8)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCIe Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	print	tery	Bay battery cells			G) Preload	Ann Date (mm/yy)
2355-K7G	i7-3520M	4GBx1	14 0" HD+	720n	180G SSD	None	Intel 620528	WWAN una	Finger	6	Nο	vPro	G	Win8 Pro64	1 10/12

Positioning Processor	Premiere performance and ultraportability; two spindles Intel® Core™ i7-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology	Preloaded operating system ²⁰ - Windows® 8 Pro 64-bit
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	Preloaded applications ⁵ (only some listed) - Windows 7 models
Optical Bay battery Ultrabay SATA disk mSATA™ SSD	DVD burner, 9.5mm Ultrabay slim, removable None One modular bay for interchangeable devices (right side), 9.5mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None	 Lenovo® Message Center Plus ThinkVantage Product Recovery Access Connections™ ThinkVantage Power Manager Lenovo SimpleTap Adobe® Reader® Windows Live™ Essentials Corel® WinDVD® (DVD±RW)
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio	 Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Graphics	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus Intel HD Graphics 4000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA)	 Windows 8 models Lenovo Support Lenovo Companion Lenovo QuickLaunch AccuWeather PC Device Stage
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) All models
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.5" x 9.05" x 0.83–1.02"; 343mm x 230mm x 21.2–26.0mm 6-cell: from 3.96 lb (1.79kg) Display cover: Hybrid Carbon-fiber reinforced plastic; Bottom: Magnesium alloy Lithium Ion 6-cell, supports optional Ultrabay Slim battery as 2nd battery, HW authentication 6-cell (43.2Whr): up to 7.6 hr; 6-cell plus 3-cell Bay battery (31.3Whr, 0A36310): up to 13.2 hr	 Lenovo Solution Center Password Manager ThinkVantage System Update Fingerprint Software (fingerprint models)
Chipset ExpressCard Smart Card Read Multicard Reader Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) via ExpressCard adapter Two USB 3.0, one powered USB 2.0, ethernet (RJ-45), VGA DB-15, Mini DisplayPort (Mini DP / Thunderbolt™ combo port on i7 integrated model, switch via BIOS)	 Lenovo Cloud Storage by SugarSync Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security (30 days of virus definitions)
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN SIM card Modem	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Wireless WAN upgradable None None	
IIGUET 1394 Bluetooth™ Ethernet Intel AMT Audio support	None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 1W x 2 /	Supports ThinkVantage® technologies 65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Silver rating
	volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant r AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Limited warraffly	² 3-years/1-yr battery - depot repair service / service upgrades ²² available	during the warranty period

ThinkPad T430s 2355 (Optimus)

Type-model	Wide- screen del Processor Memory display Camera		Disk SATA GB [®] rpm	Optical or battery	Backlit key- board	Mini Card	PCIe Mini Card WWAN/mSATA		Blue-	tery		GMP	` Pre-			
2355-HJG	i5-3320M	4GBx2	14.0" HD+	720p	180G SSD	DVD±RW	None	Intel 620528	WWAN upg	Finger	BT	6	vPro	G	Pro 64	06/12
2355-HHG	i5-3320M	4GBx1	14.0" HD+	720p	320G 7200	DVD ±RW	None	Intel 6205	WWAN upg	Finger	BT	6	vPro	G	Pro 64	06/12
2355-HGG	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	DVD±RW	None	Intel 6205	WWAN upg	Finger	BT	6	vPro	G	Pro 64	06/12

Positioning Processor	Premiere performance and ultraportability; two spindles Intel® Core™ i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	Ready to install applications ¹⁴ (only some listed) • Rescue and Recovery™
Optical Bay battery Ultrabay SATA disk mSATA™ SSD	DVD burner, 9.5mm Ultrabay slim, removable None One modular bay for interchangeable devices (right side), 9.5mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None	 Password Manager Preloaded applications¹⁴ (only some listed) Lenovo® Solution Center Lenovo Message Center Plus ThinkVantage Product Recovery Access Connections™
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio	 Fingerprint Software (fingerprint models) ThinkVantage System Update ThinkVantage Power Manager
Camera Graphics	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA NVS™ 5200M, PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort or Thunderbolt (i7 integrated models); supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@85Hz (VGA)	 Lenovo Cloud Storage by SugarSync Lenovo SimpleTap Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows Evernote®
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 Intel Small Business Advantage RapidBoot HDD Accelerator Symantec™ VIP Windows Live™ Essentials
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.5" x 9.05" x 0.83–1.02"; 343mm x 230mm x 21.2–26.0mm 6-cell: from 3.96 lb (1.79kg) Display cover: Hybrid Carbon-fiber reinforced plastic; Bottom: Magnesium alloy Lithium Ion 6-cell, supports optional Ultrabay Slim battery as 2nd battery, HW authentication 6-cell (43.2Whr): up to 7.6 hr; 6-cell plus 3-cell Bay battery (31.3Whr): up to 13.2 hr	 Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Chipset ExpressCard Smart Card Read Multicard Reader Ports PCIe Mini Card	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) via ExpressCard adapter Two USB 3.0, one powered USB 2.0, ethernet (RJ-45), VGA DB-15, Mini DisplayPort Two PCI Express Mini Card slots	
PCIe WLAN ⁴ PCIe WWAN SIM card Modem	11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Wireless WAN upgradable None None	
IEEE 1394	None	Supports ThinkVantage® technologies
Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reader	Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant r AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	90-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Silver rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support
Limited warranty	² 3-years /1-yr battery - depot repair service / service upgrades ²² available	during the warranty period ¹²

ThinkPad T430s 2355 (Optimus) - Windows 8

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCIe Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	print	Blue- t		Intel			Ann Date (mm/yy)
2355-K6G	i5-3320M	40D::1	14 0" HD+	720n	180G SSD	None	Intel 6205 ²⁸	WWAN upg	Finger	BT		D		Win8 Pro64	
ン.3つつ-N DU3	15-3320101	4GBx1	14 ()" [1] +	/2UD	1800 550	INONE	Intel byuse	VVVVAIN IIDO	Finder	BI	n	vPro	G	VVIDA Prob4	. 10/12

Positioning Processor	Premiere performance and ultraportability; two spindles Intel® Core™ i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology	Preloaded operating system ²⁰ - Windows® 8 Pro 64-bit
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	Preloaded applications ⁵ (only some listed) - Windows 7 models
Optical Bay battery Ultrabay SATA disk	DVD burner, 9.5mm Ultrabay slim, removable None One modular bay for interchangeable devices (right side), 9.5mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None	 Lenovo® Message Center Plus ThinkVantage Product Recovery Access Connections™ ThinkVantage Power Manager Lenovo SimpleTap Adobe® Reader® Windows Live™ Essentials
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio	 Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Camera Graphics	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA NVS™ 5200M, PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort or Thunderbolt (i7 integrated models); supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable);	- Windows 8 models - Lenovo Support - Lenovo Companion - Lenovo QuickLaunch - AccuWeather - PC Device Stage - Cyberlink Power2Go (DVD±RW)
Keyboard TrackPoint® Touchpad ThinkLight™	1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@85Hz (VGA) 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 Cyberlink PowerProducer (DVD±RW) All models Lenovo Solution Center Password Manager ThinkVantage System Update
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.5" x 9.05" x 0.83–1.02"; 343mm x 230mm x 21.2–26.0mm 6-cell: from 3.96 lb (1.79kg) Display cover: Hybrid Carbon-fiber reinforced plastic; Bottom: Magnesium alloy Lithium Ion 6-cell, supports optional Ultrabay Slim battery as 2nd battery, HW authentication 6-cell (43.2Whr): up to 7.6 hr; 6-cell plus 3-cell Bay battery (31.3Whr, 0A36310): up to 13.2 hr	 Fingerprint Software (fingerprint models) Lenovo Cloud Storage by SugarSync Microsoft® Office preloaded;
Chipset ExpressCard Smart Card Read Multicard Reader Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) via ExpressCard adapter Two USB 3.0, one powered USB 2.0, ethernet (RJ-45), VGA DB-15, Mini DisplayPort	purchase a product key to activate Norton™ Internet Security (30 days of virus definitions)
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN SIM card Modem	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Wireless WAN upgradable None None	
IEEE 1394	None	Supports ThinkVantage® technologies
Bluetooth™ Ethernet Intel AMT Audio support Security Security chip	Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	90-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Silver rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support
Limited warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available	during the warranty period ¹²

ThinkPad T430s 2356 (Onsite)

	Wide-	Smart	Finger Power Global (G) Ann								
Type-model Proce	screen essor Memory display Came	SATA ra GB [®] rpm	or battery	key- (board	Card WWAN mSATA		Card Reader	print Adapter Intel GMP Date reader (watt) vPro (P) Preload (mm/yy)			
		500G 7200		None	upg	None	None	Finger 65W vPro G P Pro 64 06/12			
	20M 4GBx1 14.0" HD+ 720 20M 4GBx2 14.0" HD+ 720			None None	upg upg	None None	None None	Finger 65W vPro G P Pro 64 06/12 Finger 65W vPro G P Pro 64 06/12			
	20M 4GBx1 14.0" HD+ 720			None	upg	None	None	None 65W vPro G P Pro 64 06/12			
	20M 4GBx1 14.0" HD+ No 20M 4GBx1 14.0" HD+ 720	320G 7200 128G SSD		None None	upg upg	None None	None None	Finger 65W vPro G P Pro 64 06/12 Finger 65W vPro G P Pro 64 06/12			
2356-GPG i5-33	20M 4GBx1 14.0" HD+ 720	320G 7200	DVD±RW	None	upg	None	None	None 65W vPro G P Pro 64 06/12			
	20M 4GBx1 14.0" HD+ 720 20M 4GBx1 14.0" HD+ 720			None Backlit	upg Fricsson	None selectable	None	None 65W vPro G P Pro 64 06/12 Finger 65W vPro Pro 64 06/12			
2356-GCG i7-35	20M 4GBx1 14.0" HD+ 720	180G SSD	DVD±RW	Backlit	Ericsson	selectable	None	Finger 90W vPro Pro 64 06/12			
	20M 4GBx1 14.0" HD+ 720 20M 4GBx1 14.0" HD+ 720			None None	Ericsson upg	selectable None	Smart None	Finger 65W vPro Pro 64 06/12 Finger 65W vPro G P Pro 64 06/12			
	20M 4GBx1 14.0" HD+ 720			None	upg	None		Finger 65W vPro G P Pro 64 06/12			
	20M 4GBx1 14.0" HD+ 720 20M 4GBx1 14.0" HD+ 720					selectable		Finger 65W vPro Pro 64 07/12			
Positioning	Premiere performance and u			None	EIICSSOII	Selectable	Siliait	Finger 65W vPro Pro 64 07/12 Preloaded operating system ²⁰			
Processor	Intel® Core™ i5-3320M proc	essor (2 core	s, 2.60GHz, 3					Genuine Windows® 7			
	DDR3 memory controller (up Intel Core i7-3520M process							Professional 64			
	DDR3 memory controller (up			oost 2.0	(3.60GHz), HT techn	ology	Ready to install applications ¹⁴ (only some listed)			
Memory	16GB max ⁷ / PC3-12800 160 dual-channel capable, two 20							 Rescue and Recovery™ Password Manager 			
	* System automatically clocks	down for pro	cessors with	1333MH	z DDR3 m	nemory cont	troller	Preloaded applications ¹⁴ (only some			
Optical Bay battery	Some: DVD burner, 9.5mm l	Jltrabay slim, ı	emovable					listed)			
Ultrabay	One modular bay for intercha					tom access		Lenovo® Solution Center Lenovo Message Center Plus			
SATA disk	Some: Solid State Drive (SS Some: Hard Disk Drive / SA					ction Systen	n™	ThinkVantage Product Recovery			
mSATA™ SSD	All: removable, upgradab							 Access Connections™ Fingerprint Software (fingerprint 			
Widescreen	None Some: 14.0 " (355mm) HD (1		models) ThinkVantage System Update								
display	200 nits, 16:9 aspect		ThinkVaritage System opdate ThinkVantage Power Manager Lenovo Cloud Storage								
	Some: 14.0 " (355mm) HD+ 250 nits, 16:9 aspect	ratio, 300:1 co	ntrast ratio					Lenovo Cloud Storage by SugarSync			
Camera	Some: HD720p resolution, w		e, low light se	nsitive, f	ace trackir	ng, fixed foc	us	Lenovo SimpleTap Microsoft® Office preloaded;			
Graphics	Intel HD Graphics 4000 in p supports external analog more		DB-15 and die	nital mon	itor via Mi	ni DisplavPo	ort:	purchase a product key to activate			
	supports dual independent di	splay;	· ·					Norton™ Internet Security 2012 (30 days of virus definitions)			
	Maximum external resolution 1920x1200@60Hz (single-lin							Adobe® Reader®			
Keyboard	6-row, 84-key, ThinkVantage						acklight				
TrackPoint® Touchpad	TrackPoint® pointing device, "UltraNav™, wide touchpad be	low keyboard,	Tap Zones, :	scrolling,	multi-toud	h glass		 Intel Small Business Advantage RapidBoot HDD Accelerator 			
ThinkLight™	Illuminates the keyboard to in	prove visibility	y in low-light	condition	ıs			Symantec™ VIP			
Dimensions ³ Weight ²	14.0W" (WxDxH): 13.5" x 9.0 6-cell: from 3.96 lb (1.79kg)	5" X 0.83–1.02	2"; 343mm x 2	230mm x	(21.2–26.	Umm		 Windows Live™ Essentials Corel® WinDVD® (DVD±RW) 			
Case material	Display cover: Hybrid Carbon Lithium Ion 6-cell, supports o	n-fiber reinford	ed plastic;	Bottom:	Magnesiu	m alloy	oation	Corel Burn.Now™ Lenovo Edition (DVD±RW)			
Battery - type Battery - life ¹⁰	6-cell (43.2Whr): up to 7.6 hr		3-cell Bay ba					Corel DVD MovieFactory® Lenovo			
Chipset	Mobile Intel QM77 Express	Chipset						Edition (DVD±RW)			
	One slot (ExpressCard/34) Some: Smart Card reader										
Multicard Reader Ports	4-in-1 reader (MMC, SD, SDF Two USB 3.0, one powered U										
	Mini DisplayPort (Mini DP / T	nunderbolt™ c				el, switch vi	a BIOS)				
PCIe Mini Card PCIe WLAN ⁴	Two PCI Express Mini Card s 11a/b/g/n, PCIe Half Mini Car		no® ∆dvanced	1-N 6205	2v2						
PCIe WWAN	Some: Wireless WAN upgrad	lable									
	Some: Wireless WAN, Éricss GPRS/WCDMA/HSP			aband M	odule, PC	ie Half Mini	Card,				
SIM card Modem	Some: User selectable, cont			rovider							
IEEE 1394	None None										
Bluetooth™ Ethernet	Bluetooth 4.0 wireless Intel 82579LM Gigabit Netwo	rk Connection	(Lewisville)	PHY PC	le x1			Supports ThinkVantage® technologies			
Intel AMT	Intel Active Management Tec	nnology (iAMT)`				0 /	65-watt or 90-watt AC adapter			
Audio support	HD Audio, Realtek® ALC3202 volume up, down, mute butto	coaec, Dolby ns / dual arrav	mic, mic mu	นer" v4 / te button	stereo sp , combo a	eaкers, 1W udio/mic jac	x 2 / xk	ThinkPad Roll Cage (one-piece magnesium frame)			
Security Security chip	Power-on password, hard dis Trusted Platform Module, TC	k password, si	upervisor pas	ssword, s	ecurity ke	yhole		EPEAT™ Silver rating			
Fingerprint reader	Some: AuthenTec fingerprin	reader on pa	lm rest, swipe		LED indic	cator,		ENERGY STAR® 5.0-compliant GREENGUARD® certified			
Limited warranty ¹²	Power On Authentication, supports the security chip RoHS-compliant International Warrant Power On Authentication, supports the security chip RoHS-compliant International Warrant										
Littileu warranty.	public and national holidays.	Calls received	after 3 pm w	ill require	e an addtio	onal next bu	siness	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support			
	day for service dispatch / ser							during the warranty period ¹²			

ThinkPad T430s 2356 (Onsite) - Windows 8

		Wide- screen		Disk SATA	Backlit key-	PCIe Po Mini Card	Cle Mini Cai WWAN/	rd	Finger print					Ann Date
Type-model Processor	Memory		Camera		board	WLAN	mSATA	SIM card	reader	cells	vPro	(P)		(mm/yy)
2356-LRG i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	Backlit	Intel 620528	⁸ Ericsson	selectable	Finger	6	vPro		Win7 Pro64	10/12
2356-LQG i5-3320M	4GBx1	14.0" HD+	720p	180G SSD	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win7 Pro64	10/12
2356-LNG i7-3520M	4GBx1	14.0" HD+	720p	240G FDE SSD	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win7 Pro64	10/12
2356-LDG i7-3520M	4GBx1	14.0" HD+	720p	180G SSD	None	Intel 6205	upg	None	Finger	6	vPro	GΡ	Win8 Pro64	10/12
2356-LAG i5-3320M	4GBx1	14.0" HD+	720p	320G 7200	None	Intel 6205	upg	None	Finger	6	vPro	GΡ	Win8 Pro64	10/12
2356-L7G i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win8 Pro64	10/12
2356-L6G i5-3320M	4GBx1	14.0" HD+	720p	180G SSD	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win8 Pro64	10/12
2356-L5G i7-3520M	4GBx1	14.0" HD+	720p	240G FDE SSD	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win8 Pro64	10/12
2356-N7G i5-3320M	4GBx1	14.0" HD+	720p	256G SSD OPAL	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win8 Pro64	06/13
2356-N6G i5-3320M	4GBx1	14.0" HD+	720p	256G SSD OPAL	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win7 Pro64	06/13
2356-N3G i7-3520M	4GBx1	14.0" HD+	720p	256G SSD OPAL	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win8 Pro64	06/13
2356-N2G i7-3520M	4GBx1	14.0" HD+	720p	256G SSD OPAL	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win7 Pro64	06/13

• Some models are part of the Global Models Plus program with limited onsite service24 3-year limited warranty

	• Some models are part of the Global Models Plus program with himted offsite service. 3-year	ar minted warranty
Positioning Processor	Premiere performance and ultraportability; two spindles Intel® Core™ i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core i7-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology	Preloaded operating system ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	- Some: Windows 8 Pro 64-bit Preloaded applications ⁵ (only some listed)
Optical Bay battery Ultrabay SATA disk mSATA™ SSD Widescreen display Camera Graphics Keyboard TrackPoint® Touchpad ThinkLight™ Dimensions³ Weight² Case material Battery - type Battery - life¹⁰ Chipset ExpressCard Smart Card Read Multicard Reader Ports PCIe Mini Card PCIe WLAN⁴ PCIe WWAN SIM card Modem IEEE 1394 Bluetooth™	DVD burner, 9.5mm Ultrabay slim, removable None None modular bay for interchangeable devices (right side), 9.5mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus Intel HD Graphics 4000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA) 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-fouch Illuminates the keyboard to improve visibility in low-light conditions 14.0W" (WxDxH): 13.5" x 9.05" x 0.83−1.02"; 343mm x 230mm x 21.2−26.0mm 6-cell from 3.96 lb (1.79kg) Display cover: Hybrid Carbon-fiber reinforced plastic; Bottom: Magnesium alloy Lithium lon 6-cell, supports optional Ultrabay Slim battery as 2nd battery, HW authentication 6-cell (43.2Whr): up to 7.6 hr; 6-cell plus 3-cell Bay battery (31.3Whr, 0A36310): up to 13.2 hr Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) via ExpressCard adapter Two USB 3.0, one powered USB 2.0, ethernet (RJ-45), VGA DB-15, Mini DisplayPort (Mini DP / Thunderbolt™ combo port on i7 integrated model, switch via BIOS) Two PCI Express Mini Card,	- Windows 7 models Lenovo® Message Center Plus ThinkVantage Product Recovery Access Connections™ ThinkVantage Power Manager Lenovo SimpleTap Adobe® Reader® Windows Live™ Essentials Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW) Windows 8 models Lenovo Support Lenovo Companion Lenovo Companion Lenovo QuickLaunch AccuWeather PC Device Stage Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) All models Lenovo Solution Center Password Manager ThinkVantage System Update Fingerprint Software (fingerprint models) Lenovo Cloud Storage by SugarSync Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security (30 days of virus definitions)
Ethernet Intel AMT Audio support	Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 1W x 2 /	Supports ThinkVantage® technologies 65-watt AC adapter ThinkPad Roll Cage (one-piece
	volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	magnesium frame) EPEAT™ Silver rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant
Limited warranty ¹²	3-years /1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²

ThinkPad T430s 2356 (Optimus) - Onsite

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCle Mini Card WLAN	PCIe Mini Card WWAN/mSATA	SIM card	Finger print reader	tery	Intel	GMP		Ann Date (mm/yy)
2356-H9G	i5-3320M	4GBx2	14.0" HD+	720p	180G SSD	None	Intel 620528	WWAN upg	None	Finger	6	vPro	GΡ	Pro 64	06/12
2356-H8G	i5-3320M	4GBx1	14.0" HD+	720p	320G 7200	None	Intel 6205	WWAN upg	None	Finger	6	vPro	GΡ	Pro 64	06/12
2356-H7G	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	None	Finger	6	vPro	GΡ	Pro 64	06/12
2356-L4G	i5-3320M	4GBx1	14.0" HD+	720p	180G SSD	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Pro 64	07/12

• Some models are part of the Global Models Plus program with limited onsite service²⁴ 3-year limited warranty

Positioning Processor	Premiere performance and ultraportability; two spindles Intel® Core™ i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™
Optical Bay battery	DVD burner, 9.5mm Ultrabay slim, removable None	Password Manager Preloaded applications ¹⁴ (only some
Ultrabay SATA disk	One modular bay for interchangeable devices (right side), 9.5mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive	listed) • Lenovo® Solution Center • Lenovo Message Center Plus • ThinkVantage Product Recovery
mSATA™ SSD	None	 Access Connections™
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio	 Fingerprint Software (fingerprint models) ThinkVantage System Update ThinkVantage Power Manager
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Lenovo Cloud Storage
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA NVS™ 5200M, PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort or Thunderbolt (i7 integrated models); supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@85Hz (VGA)	by SugarSync • Lenovo SimpleTap • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Evernote®
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 Intel Small Business Advantage RapidBoot HDD Accelerator Symantec™ VIP Windows Live™ Essentials
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.5" x 9.05" x 0.83–1.02"; 343mm x 230mm x 21.2–26.0mm 6-cell: from 3.96 lb (1.79kg) Display cover: Hybrid Carbon-fiber reinforced plastic; Bottom: Magnesium alloy Lithium Ion 6-cell, supports optional Ultrabay Slim battery as 2nd battery, HW authentication 6-cell (43.2Whr): up to 7.6 hr; 6-cell plus 3-cell Bay battery (31.3Whr): up to 13.2 hr	 Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Chipset ExpressCard Smart Card Read Multicard Reader Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) via ExpressCard adapter Two USB 3.0, one powered USB 2.0, ethernet (RJ-45), VGA DB-15, Mini DisplayPort	
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Some: Wireless WAN upgradable Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA+, GPS	
SIM card Modem IEEE 1394	Some: User selectable, contract required with service provider None None	
Bluetooth™ Ethernet	Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1	Supports ThinkVantage® technologies
Intel AMT Audio support	Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack	90-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame)
	Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant r AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	EPEAT™ Silver rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant
Limited warranty ¹²	² 3-years /1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an addtional next business day for service dispatch / service upgrades available	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²

ThinkPad T430s 2356 (Optimus) - Onsite (Windows 8)

			Wide- screen	Disk SATA	Backlit key-	Mini Card	Cle Mini Car WWAN/	d	Finger print	tery	Intel			Ann Date
Type-model	Processor	Memory	display	GB ⁸ rpm	board	WLAN	mSATA	SIM card	reader	cells	vPro	(P)	Preload	(mm/yy)
2356-LPG	i7-3520M	4GBx2	14.0" HD+	240G FDE SSD	Backlit	Intel 6205 ²⁸	Ericsson	selectable	Finger	6	vPro		Win7 Pro64	10/12
2356-LCG	i5-3320M	4GBx1	14.0" HD+	180G SSD	None	Intel 6205	upg	None	Finger	6	vPro	GΡ	Win8 Pro64	10/12
2356-LBG	i5-3320M	4GBx1	14.0" HD+	500G 7200	None	Intel 6205	upg	None	Finger	6	vPro	GΡ	Win8 Pro64	10/12
2356-L8G	i7-3520M	4GBx2	14.0" HD+	240G FDE SSD	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win8 Pro64	10/12
2356-MMG	i5-3320M	4GBx1	14.0" HD+	500G 7200	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win8 Pro64	03/13
2356-MLG	i5-3320M	4GBx1	14.0" HD+	500G 7200	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win7 Pro64	03/13
2356-N5G	i7-3520M	8GBx1	14.0" HD+	256G SSD OPAL	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win8 Pro64	06/13
2356-N4G	i7-3520M	8GBx1	14.0" HD+	256G SSD OPAL	Backlit	Intel 6205	Ericsson	selectable	Finger	6	vPro		Win7 Pro64	06/13

• Some models are part of the Global Models Plus program with limited onsite service²⁴ 3-year limited warranty

 Keyboard TrackPoint® G-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions Dimensions³ Weight² G-cell: from 3.96 lb (1.79kg) Case material Battery - type Battery - life¹¹o Dibiect Discord TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass (DVD±RW) All models Lenovo Solution Center Password Manager ThinkVantage System Upo Fingerprint Software (finger models) Lithium Ion 6-cell, supports optional Ultrabay Slim battery as 2nd battery, HW authentication 6-cell (43.2Whr): put to 7.6 hr; 6-cell plus 3-cell Bay battery (31.3Whr, 0A36310): up to 13.2 hr Cyberlink Power2Go (DVD Cyberlink PowerProducer (DVD±RW) All models Lenovo Solution Center Password Manager ThinkVantage System Upo Fingerprint Software (finger models) Lenovo Cloud Storage by SugarSync 	(ĎVD±RW) - All models - Lenovo Solution Center - Password Manager - ThinkVantage System Update - Fingerprint Software (fingerprint models) - Lenovo Cloud Storage
Cripset Express Card Smart Card Reader Multicard Reader Ports Mobile Intel QM/7 Express Cnipset One slot (ExpressCard/34) Smart Card Reader Microsoft® Office preloade purchase a product key to Norton™ Internet Security (30 days of virus definition	activate
PCIe Mini Card PCIe WLAN ⁴ PCIe WLAN ⁴ PCIe WWAN PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Some: Wireless WAN upgradable Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS SIM card Modem Modem None IEEE 1394 None Plasta Math. 4 0 wireless None Plasta Math. 4 0 wireless None None None Plasta Math. 4 0 wireless None None None None None None None None	
Bluetooth™ Bluetooth 4.0 wireless Ethernet Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Supports ThinkVantage® tech	nologies
Intel AMT Audio support HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Security Security Chip Fingerprint reader Fingerprint reader Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 1W x 2 / ThinkPad Roll Cage (one-pie magnesium frame) EPEAT™ Silver rating ENERGY STAR® 5.0-compliant Fower On Authentication, supports the security chip Power On Authentication, supports the security chip	
Limited warranty ¹² 3-years /1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available	