ThinkPad T440

Lenovo® ThinkPad T440

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ThinkPad T440 Platform Specifications

Positioning	*Mainstream Ultrabook™ or Thinbook; one spindle*
Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-4010U			1.7 GHz	-	3MB		
i3-4030U			1.9 GHz	-	3MB		
i5-4200U			1.6 GHz	2.6 GHz	3MB		
i5-4210U	2	4	1.7 GHz	2.7 GHz	3MB	DDR3L-1600	Intel HD graphics 4400
i5-4300U			1.9 GHz	2.9 GHz	3MB		
i7-4500U			1.8 GHz	3 GHz	4MB		
i7-4600U			2.1 GHz	3.3 GHz	4MB		

Memory	8GB or 12GB* max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable*, 4GB memory soldered to systemboard on selected models, one 204-pin SO-DIMM socket (*for the models with 4GB on-board memory)
Optical	None
Storage	*Some:* SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable *Some:* HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™ *Some:* SSHD with 8GB NAND flash memory
M.2 SSD	*Some:* Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader *Some:* Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card
Widescreen display	*Some:* **14.0"** (355mm) **HD (1366x768)**, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 350:1 contrast ratio *Some:* **14.0"** (355mm) **HD+ (1600x900)**, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio
Multi-touch	*Some:* Capacitive-type multi-touch, supports 10-finger gesture
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus
Graphics	**Intel HD Graphics 4400** in processor only, or **Intel HD Graphics 4400** in processor and **NVIDIA GeForce® GT 720M**, PCI Express® x8, **1GB** memory, NVIDIA® Optimus™ technology; supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; *Max external resolution:* 1920x1200@60Hz (VGA); 3840x2160@30Hz (DisplayPort via Mini DisplayPort cable on integrated models); 2560x1600@60Hz (DisplayPort via Mini DisplayPort cable on optimus models)
Dimensions[3]	*14.0W" (WxDxH):* 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm *14.0W" MultiTouch (WxDxH):* 13.35" x 9.15" x 0.91"; 339mm x 232.5mm x 23mm

Weight[2]		
Models	*3-cell + 3-cell*	*3-cell + 6-cell*
Integrated Non-MultiTouch	3.79 lb / 1.72kg	4.10 lb / 1.86kg
Integrated MultiTouch	4.03 lb / 1.83kg	4.33 lb / 1.97kg
Optimus Non-MultiTouch	3.73 lb / 1.69kg	4.04 lb / 1.83kg
Optimus MultiTouch	3.97 lb / 1.80kg	4.33 lb / 1.97kg

Case material	Glass-Fiber Reinforced Plastic
Internal battery	*Optional:* Integrated Li-Ion or Li-Polymer 3-cell *(23.5Wh)*, HW Authentication
External battery	Li-Ion 3-cell *(23.5Wh)* or 6-cell *(47.5Wh or 72Wh)*, HW Authentication

Max battery life[10]			
Models	*3-cell + 3-cell*	*3-cell + 6-cell 47.5Wh*	*3-cell + 6-cell 72Wh*
Integrated	8.6 hr	12.9 hr	17.2 hr
Optimus	7.7 hr	11.6 hr	15.4 hr

AC adapter	*Integrated models:* 45-watt AC adapter; *Optimus models:* 65-watt AC adapter
Chipset	Intel SoC (System on Chip) platform
Smart card reader	*Optional:* Smart card reader, exclusive with M.2 SSD
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports	Two USB 3.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector (integrated models only)
Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight
UltraNav™	TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch
ThinkLight™	None
WLAN[4]	*One of the following, configurable by model:* • ThinkPad 11b/g/n, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card • Intel Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card • Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card • Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card
WWAN *(optional)*	*One of the following, configurable by model (mutually exclusive with M.2 SSD):* • Wireless WAN upgradable • Wireless WAN, Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/ HSPA+/EVDO/GSM/GPRS/EDGE, GPS, M.2 card (US models) • Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card (WE models) • Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card (WE models)
SIM card *(optional)*	*One of the following, configurable by model:* • AT&T® or Verizon® LTE (4G), contract required with service provider (US models) • Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required (WE models) • User selectable, contract required with service provider
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet	*Non-vPro model:* Intel Ethernet Connection I218-V (Clarkville) *vPro model:* Intel Ethernet Connection I218-LM (Clarkville)
NFC	*Optional:* Near Field Communication
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, TCG 1.2-compliant
vPro *(optional)*	Intel vPro Technology
Fingerprint reader	*Optional:* Fingerprint reader on the keyboard bezel, swipe sensor
Limited warranty[12]	*One of the following, configurable by model:* • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service[24] • 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Preload		
Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit • Lenovo Solution Center • ThinkVantage Product Recovery • Rescue and Recovery™ • ThinkVantage System Update • Lenovo Cloud Storage by SugarSync • PC Device Stage • Adobe® Reader® • Nitro Pro • Evernote® • Skype™ • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security (30 days of virus definitions)	*Some:* Windows 8 / 8.1 64-bit *Some:* Windows 8 / 8.1 Pro 64-bit • Lenovo Solution Center • Lenovo Support • Lenovo Companion • ThinkVantage System Update • Lenovo Reach (Windows 8.1 model) • Hightail - Metro (Windows 8.1 model) • Lenovo Cloud Storage by SugarSync - Metro (Windows 8 model) • Lenovo Cloud Storage by SugarSync (Windows 8 model) • PC Device Stage • AccuWeather • Amazon Kindle • Nitro Pro • Evernote • Skype • Rara Streaming • Norton Studio • Microsoft Office preloaded; purchase a product key to activate • Norton Internet Security (30 days of virus definitions)	

Mil-Spec test	MIL-STD-810G military certification
Environment	EPEAT™ Gold (US) or EPEAT Silver (WE); ENERGY STAR® 6.0; GREENGUARD®; RoHS-compliant

ThinkPad T440 20B6 (TopSeller)

Model	Processor	vPro	Graphics	Memory (soldered +DIMM)	Display	Multi-touch	Storage	WLAN & Bluetooth	WWAN /M.2 SSD	SIM card	Smart card reader / M.2 SSD	Cam-era	Backlit key-board	Finger-print reader	NFC	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Global	Ann date (m/y)
20B6009TUS	i3-4030U	No	HD 4400	0+4GB	14" HD	No	500G 7200	7260 b/g/n+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8.1 DG Win7	1-depot	No	09/14
20B60057US	i5-4200U	No	HD 4400	0+4GB	14" HD	No	500G 7200	7260 b/g/n+BT	Upg	None	16GB	720p	None	None	None	3+3	45W	Win8 DG Win7	1-depot	No	09/13
20B6005FUS	i5-4200U	No	HD 4400	0+4GB	14" HD	No	500G 7200	7260 b/g/n+BT	Upg	None	None	720p	None	None	None	No+6(47.5wh)	45W	Win8 DG Win7	1-depot	No	09/13
20B6006CUS	i5-4200U	No	HD 4400	0+4GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 DG Win7	1-depot	No	11/13
20B6008EUS	i5-4200U	No	HD 4400	4+0GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 DG Win7	1-depot	No	03/14
20B60058US	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	500G 7200	7260 b/g/n+BT	Upg	None	16GB	720p	None	None	None	3+3	45W	Win8 DG Win7	1-depot	No	09/13
20B6005GUS	i5-4300U	No	HD 4400	0+4GB	14" HD	No	500G 7200	7260 b/g/n+BT	Upg	None	None	720p	None	None	None	No+6(47.5wh)	45W	Win8 DG Win7	1-depot	No	09/13
20B6005RUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 DG Win7	1-depot	No	09/13
20B6008CUS	i5-4200U	No	HD 4400	4+0GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8.1 DG Win7	3-depot	No	03/14
20B60059US	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	None	None	3+3	45W	Win8 DG Win7	3-depot	No	09/13
20B6005AUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	09/13
20B6005BUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	1-depot	No	09/13
20B6005CUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	09/13
20B6005DUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	09/13
20B6005HUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	180G SSD Opal	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	10/13
20B6005JUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	180G SSD Opal	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	10/13
20B6005KUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	09/13
20B6005LUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	No+6(47.5wh)	45W	Win8 DG Win7	3-depot	No	09/13
20B6005MUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	None	None	No+6(47.5wh)	45W	Win8 DG Win7	3-depot	No	09/13

- For detailed platform specifications, please see *ThinkPad T440 Platform Specifications* sheet

Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types
i3-4010U		1.7 GHz	-	3MB	
i3-4030U		1.9 GHz	-	3MB	
i5-4200U	2	1.6 GHz	2.6 GHz	3MB	DDR3L-1600
i5-4300U		1.9 GHz	2.9 GHz	3MB	
i7-4500U		1.8 GHz	3 GHz	4MB	
i7-4600U		2.1 GHz	3.3 GHz	4MB	

Memory — 8GB or 12GB* max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable*, 4GB memory soldered to systemboard on selected models, one 204-pin SO-DIMM socket *(*for the models with 4GB on-board memory)*

Optical — None

Storage
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, APS
Some: SSHD with 8GB NAND flash memory

M.2 SSD
Some: Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader
Some: Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card

Widescreen display
Some: 14.0" (355mm) **HD (1366x768)**, 200 nits, 350:1 contrast ratio
Some: 14.0" (355mm) **HD+ (1600x900)**, 250 nits, 400:1 contrast ratio

Multi-touch — *Some:* Capacitive-type multi-touch, supports 10-finger gesture

Camera — HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

Graphics — **Intel HD Graphics 4400** in processor

Dimensions[3]
14.0W" (WxDxH): 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm
14.0W" MultiTouch (WxDxH): 13.35" x 9.15" x 0.91"; 339mm x 232.5mm x 23mm

Weight[2]

Models	3-cell + 3-cell	3-cell + 6-cell
Non-MultiTouch	3.79 lb / 1.72kg	4.10 lb / 1.86kg
MultiTouch	4.03 lb / 1.83kg	4.33 lb / 1.97kg

Case material — Glass-Fiber Reinforced Plastic
Internal battery — *Optional:* Integrated Li-Ion or Li-Polymer 3-cell (23.5Wh), HW Authentication
External battery — Li-Ion 3-cell (23.5Wh) or 6-cell (47.5Wh or 72Wh), HW Authentication
Max battery life[10]

Battery configuration	3-cell + 3-cell	3-cell + 6-cell 47.5Wh	3-cell + 6-cell 72Wh
Battery life	8.6 hr	12.9 hr	17.2 hr

AC adapter — 45-watt AC adapter

Keyboard UltraNav™ — 6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch
ThinkLight™ — None
Chipset — Intel SoC (System on Chip) platform
Smart card reader — *Optional:* Smart card reader
Media reader — 4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports — Two USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector
Audio support — HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

WLAN[4]
11b/g/n+BT: ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card
7260 b/g/n+BT: Intel Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
7260 a/b/g/n+BT: Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
7260 ac+BT: Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 card

WWAN (optional)
Upg: Wireless WAN upgradable
EM7355: Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/ HSPA+/EVDO/GSM/GPRS/EDGE, GPS

SIM card (optional)
AT&T / Verizon: AT&T® / Verizon® LTE (4G), contract required with service provider
Select: User selectable, contract required with service provider

Bluetooth™ — Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet
Non-vPro model: Intel Ethernet Connection I218-V (Clarkville)
vPro model: Intel Ethernet Connection I218-LM (Clarkville)
NFC — *Optional:* Near Field Communication
Security — Power-on password, hard disk password, supervisor password, security keyhole
Security chip — Trusted Platform Module, TCG 1.2-compliant
vPro (optional) — Intel vPro Technology
Fingerprint reader — *Optional:* Fingerprint reader on the keyboard bezel, swipe sensor

Preload
Win8 / 8.1 DG Win7: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit
Win8 / 8.1 64: Windows 8 / 8.1 64-bit
Win8 / 8.1 P64: Windows 8 / 8.1 Pro 64-bit

Limited warranty[12] **1-year** - depot / **3-years** (1-yr battery) - depot / **3-years** (1-year battery) **onsite**

See footnotes for more detailed information

Model	Processor	vPro	Graphics	Memory (soldered +DIMM)	Display	Multi-touch	Storage	WLAN & Bluetooth	WWAN / M.2 SSD	SIM card	Smart card reader / M.2 SSD	Camera	Backlit keyboard	Finger-print reader	NFC	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Global	Ann date (m/y)
20B6006AUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	No+6(47.5wh)	45W	Win8 DG Win7	3-depot	No	11/13
20B6009MUS	i5-4300U	vPro	HD 4400	4+4GB	14" HD+	No	512G SSD	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 DG Win7	3-depot	No	07/14
20B6008FUS	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	03/14
20B6008GUS	i5-4300U	vPro	HD 4400	4+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	03/14
20B6008HUS	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	No	500G 7200 Opal	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	03/14
20B6009NUS	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	No	512G SSD	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 DG Win7	3-depot	No	07/14
20B6005EUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	09/13
20B6005NUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	No	180G SSD Opal	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	10/13
20B6005PUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	No	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	09/13
20B6006BUS	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	No	180G SSD Opal	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	11/13
20B6006DUS	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	No	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	11/13
20B6006EUS	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	No	240G SSD Opal	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	11/13
20B6008DUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	03/14
20B6008JUS	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8 DG Win7	3-depot	No	03/14

- *For detailed platform specifications, please see* ThinkPad T440 Platform Specifications *sheet*

Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types
i3-4010U	2	1.7 GHz	-	3MB	DDR3L-1600
i3-4030U		1.9 GHz	-	3MB	
i5-4200U		1.6 GHz	2.6 GHz	3MB	
i5-4300U		1.9 GHz	2.9 GHz	3MB	
i7-4500U		1.8 GHz	3 GHz	4MB	
i7-4600U		2.1 GHz	3.3 GHz	4MB	

Memory	8GB or 12GB* max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable*, 4GB memory soldered to systemboard on selected models, one 204-pin SO-DIMM socket (*for the models with 4GB on-board memory)
Optical	None
Storage	*Some:* SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
	Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, APS
	Some: SSHD with 8GB NAND flash memory
M.2 SSD	*Some:* Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader
	Some: Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card
Widescreen display	*Some:* 14.0" (355mm) **HD (1366x768)**, 200 nits, 350:1 contrast ratio
	Some: 14.0" (355mm) **HD+ (1600x900)**, 250 nits, 400:1 contrast ratio
Multi-touch	*Some:* Capacitive-type multi-touch, supports 10-finger gesture
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus
Graphics	**Intel HD Graphics 4400** in processor

Dimensions[3]	*14.0W" (WxDxH):* 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm
	14.0W" MultiTouch (WxDxH): 13.35" x 9.15" x 0.91"; 339mm x 232.5mm x 23mm

Weight[2]	Models	3-cell + 3-cell	3-cell + 6-cell
	Non-MultiTouch	3.79 lb / 1.72kg	4.10 lb / 1.86kg
	MultiTouch	4.03 lb / 1.83kg	4.33 lb / 1.97kg

Case material	Glass-Fiber Reinforced Plastic
Internal battery	*Optional:* Integrated Li-Ion or Li-Polymer 3-cell (23.5Wh), HW Authentication
External battery	Li-Ion 3-cell (23.5Wh) or 6-cell (47.5Wh or 72Wh), HW Authentication

Max battery life[10]	Battery configuration	3-cell + 3-cell	3-cell + 6-cell 47.5Wh	3-cell + 6-cell 72Wh
	Battery life	8.6 hr	12.9 hr	17.2 hr

AC adapter	45-watt AC adapter

Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch
ThinkLight™	None
Chipset	Intel SoC (System on Chip) platform
Smart card reader	*Optional:* Smart card reader
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports	Two USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector
Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

WLAN[4]	*11b/g/n+BT:* ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card
	7260 b/g/n+BT: Intel Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
	7260 a/b/g/n+BT: Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
	7260 ac+BT: Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 card
WWAN (optional)	*Upg:* Wireless WAN upgradable
	EM7355: Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/ HSPA+/EVDO/GSM/GPRS/EDGE, GPS
SIM card (optional)	*AT&T / Verizon:* AT&T® / Verizon® LTE (4G), contract required with service provider
	Select: User selectable, contract required with service provider
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet	*Non-vPro model:* Intel Ethernet Connection I218-V (Clarkville)
	vPro model: Intel Ethernet Connection I218-LM (Clarkville)
NFC	*Optional:* Near Field Communication
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, TCG 1.2-compliant
vPro (optional)	Intel vPro Technology
Fingerprint reader	*Optional:* Fingerprint reader on the keyboard bezel, swipe sensor

Preload	*Win8 / 8.1 DG Win7:* Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit
	Win8 / 8.1 64: Windows 8 / 8.1 64-bit
	Win8 / 8.1 P64: Windows 8 / 8.1 Pro 64-bit

Limited warranty[12]	**1-year** - depot / **3-years** (1-yr battery) - depot / **3-years** (1-year battery) **onsite**

See footnotes for more detailed information

ThinkPad T440 20B6 (TopSeller) - Windows 8

Model	Processor	vPro	Graphics	Memory (soldered +DIMM)	Display	Multi-touch	Storage	WLAN & Bluetooth	WWAN / M.2 SSD	SIM card	Smart card reader / M.2 SSD	Camera	Backlit keyboard	Finger-print reader	NFC	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Global	Ann date (m/y)
20B60076US	i5-4200U	No	HD 4400	0+4GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	None	720p	Backlit	None	None	3+3	45W	Win8.1 P64	1-depot	No	01/14
20B60077US	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-depot	No	01/14
20B60078US	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-depot	No	01/14
20B60079US	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	MT	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-depot	No	01/14
20B6002AUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8 P64	3-depot	No	09/13
20B6002BUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	MT	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 P64	3-depot	No	09/13
20B6008KUS	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-depot	No	03/14
20B6007AUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	MT	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-depot	No	01/14
20B6007BUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-depot	No	01/14
20B6009PUS	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	MT	512G SSD	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-depot	No	07/14
20B6002CUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	MT	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 P64	3-depot	No	09/13
20B6002DUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8 P64	3-depot	No	09/13

- *For detailed platform specifications, please see* ThinkPad T440 Platform Specifications *sheet*

Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types
i3-4010U	2	1.7 GHz	-	3MB	DDR3L-1600
i3-4030U		1.9 GHz	-	3MB	
i5-4200U		1.6 GHz	2.6 GHz	3MB	
i5-4300U		1.9 GHz	2.9 GHz	3MB	
i7-4500U		1.8 GHz	3 GHz	4MB	
i7-4600U		2.1 GHz	3.3 GHz	4MB	

Memory	8GB or 12GB* max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable*, 4GB memory soldered to systemboard on selected models, one 204-pin SO-DIMM socket (*for the models with 4GB on-board memory)
Optical	None
Storage	*Some:* SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
	Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, APS
	Some: SSHD with 8GB NAND flash memory
M.2 SSD	*Some:* Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader
	Some: Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card
Widescreen display	*Some:* 14.0" (355mm) **HD (1366x768)**, 200 nits, 350:1 contrast ratio
	Some: 14.0" (355mm) **HD+ (1600x900)**, 250 nits, 400:1 contrast ratio
Multi-touch	*Some:* Capacitive-type multi-touch, supports 10-finger gesture
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus
Graphics	**Intel HD Graphics 4400** in processor
Dimensions[3]	14.0W" (WxDxH): 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm
	14.0W" MultiTouch (WxDxH): 13.35" x 9.15" x 0.91"; 339mm x 232.5mm x 23mm

Weight[2]

Models	3-cell + 3-cell	3-cell + 6-cell
Non-MultiTouch	3.79 lb / 1.72kg	4.10 lb / 1.86kg
MultiTouch	4.03 lb / 1.83kg	4.33 lb / 1.97kg

Case material	Glass-Fiber Reinforced Plastic
Internal battery	*Optional:* Integrated Li-Ion or Li-Polymer 3-cell (23.5Wh), HW Authentication
External battery	Li-Ion 3-cell (23.5Wh) or 6-cell (47.5Wh or 72Wh), HW Authentication

Max battery life[10]

Battery configuration	3-cell + 3-cell	3-cell + 6-cell 47.5Wh	3-cell + 6-cell 72Wh
Battery life	8.6 hr	12.9 hr	17.2 hr

AC adapter	45-watt AC adapter

Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight
UltraNav™	TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch
ThinkLight™	None
Chipset	Intel SoC (System on Chip) platform
Smart card reader	*Optional:* Smart card reader
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports	Two USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector
Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

WLAN[4]	*11b/g/n+BT:* ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card
	7260 b/g/n+BT: Intel Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
	7260 a/b/g/n+BT: Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
	7260 ac+BT: Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 card
WWAN (optional)	*Upg:* Wireless WAN upgradable
	EM7355: Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/ HSPA+/EVDO/GSM/GPRS/EDGE, GPS
SIM card (optional)	*AT&T / Verizon:* AT&T® / Verizon® LTE (4G), contract required with service provider
	Select: User selectable, contract required with service provider
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet	*Non-vPro model:* Intel Ethernet Connection I218-V (Clarkville)
	vPro model: Intel Ethernet Connection I218-LM (Clarkville)
NFC	*Optional:* Near Field Communication
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, TCG 1.2-compliant
vPro (optional)	Intel vPro Technology
Fingerprint reader	*Optional:* Fingerprint reader on the keyboard bezel, swipe sensor
Preload	*Win8 / 8.1 DG Win7:* Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit
	Win8 / 8.1 64: Windows 8 / 8.1 64-bit
	Win8 / 8.1 P64: Windows 8 / 8.1 Pro 64-bit
Limited warranty[12]	**1-year** - depot / **3-years** (1-yr battery) - depot / **3-years** (1-year battery) **onsite**

See footnotes for more detailed information

Model	Processor	vPro	Graphics	Memory (soldered +DIMM)	Display	Multi-touch	Storage	WLAN & Bluetooth	WWAN / M.2 SSD	SIM card	Smart card reader / M.2 SSD	Camera	Backlit keyboard	Finger-print reader	NFC	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Global	Ann date (m/y)
20B70044US	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	No+6(47.5wh)	45W	Win8 DG Win7	3-depot	Yes	11/13
20B70047US	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	No+6(47.5wh)	45W	Win8 DG Win7	3-depot	Yes	11/13
20B7004CUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	180G SSD Opal	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-depot	Yes	11/13
20B7004FUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-depot	Yes	11/13
20B7004HUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-depot	Yes	11/13
20B7004JUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	240G SSD Opal	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-depot	Yes	11/13
20B7004MUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-depot	Yes	11/13
20B7008UUS	i5-4300U	vPro	HD 4400	4+4GB	14" HD+	No	256G SSD eDrive	7260 a/b/g/n+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 DG Win7	3-depot	Yes	04/14
20B7008WUS	i5-4300U	vPro	HD 4400	4+0GB	14" HD	No	500G 7200	7260 a/b/g/n+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 DG Win7	3-depot	Yes	04/14
20B7008YUS	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	No	500G 7200	7260 a/b/g/n+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 DG Win7	3-depot	Yes	04/14
20B7008VUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	No	500G 7200	7260 a/b/g/n+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 DG Win7	3-depot	Yes	04/14
20B7008XUS	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	No	256G SSD eDrive	7260 a/b/g/n+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 DG Win7	3-depot	Yes	04/14
20B7004BUS	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	No	180G SSD Opal	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-depot	Yes	11/13
20B7004DUS	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-depot	Yes	11/13
20B7004GUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-depot	Yes	11/13
20B7004QUS	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	No	240G SSD Opal	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-depot	Yes	11/13

- For detailed platform specifications, please see *ThinkPad T440 Platform Specifications* sheet

| Processor | 4th Generation Intel® Core™ i3 / i5 / i7 Processor |

Processor	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types
i3-4010U		1.7 GHz	-	3MB	
i3-4030U		1.9 GHz	-	3MB	
i5-4200U	2	1.6 GHz	2.6 GHz	3MB	DDR3L-1600
i5-4300U		1.9 GHz	2.9 GHz	3MB	
i7-4500U		1.8 GHz	3 GHz	4MB	
i7-4600U		2.1 GHz	3.3 GHz	4MB	

Memory
8GB or 12GB* max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable*, 4GB memory soldered to systemboard on selected models, one 204-pin SO-DIMM socket (*for the models with 4GB on-board memory)

Optical None

Storage
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, APS
Some: SSHD with 8GB NAND flash memory

M.2 SSD
Some: Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader
Some: Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card

Widescreen display
Some: 14.0" (355mm) **HD (1366x768)**, 200 nits, 350:1 contrast ratio
Some: 14.0" (355mm) **HD+ (1600x900)**, 250 nits, 400:1 contrast ratio

Multi-touch *Some:* Capacitive-type multi-touch, supports 10-finger gesture

Camera HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

Graphics **Intel HD Graphics 4400** in processor

Dimensions[3]
14.0W" (WxDxH):   13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm
14.0W" MultiTouch (WxDxH): 13.35" x 9.15" x 0.91"; 339mm x 232.5mm x 23mm

Weight[2]

Models	3-cell + 3-cell	3-cell + 6-cell
Non-MultiTouch	3.79 lb / 1.72kg	4.10 lb / 1.86kg
MultiTouch	4.03 lb / 1.83kg	4.33 lb / 1.97kg

Case material Glass-Fiber Reinforced Plastic
Internal battery *Optional:* Integrated Li-Ion or Li-Polymer 3-cell (23.5Wh), HW Authentication
External battery Li-Ion 3-cell (23.5Wh) or 6-cell (47.5Wh or 72Wh), HW Authentication

Max battery life[10]

Battery configuration	3-cell + 3-cell	3-cell + 6-cell 47.5Wh	3-cell + 6-cell 72Wh
Battery life	8.6 hr	12.9 hr	17.2 hr

AC adapter 45-watt AC adapter

Keyboard UltraNav™ 6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch

ThinkLight™ None

Chipset Intel SoC (System on Chip) platform
Smart card reader *Optional:* Smart card reader
Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports Two USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector

Audio support HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

WLAN[4]
11b/g/n+BT:	ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card
7260 b/g/n+BT:	Intel Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
7260 a/b/g/n+BT:	Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
7260 ac+BT:	Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 card

WWAN (optional) *Upg:* Wireless WAN upgradable
EM7355: Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/HSPA+/EVDO/GSM/GPRS/EDGE, GPS

SIM card (optional) *AT&T / Verizon:* AT&T® / Verizon® LTE (4G), contract required with service provider
Select: User selectable, contract required with service provider

Bluetooth™ Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet *Non-vPro model:* Intel Ethernet Connection I218-V (Clarkville)
vPro model: Intel Ethernet Connection I218-LM (Clarkville)

NFC *Optional:* Near Field Communication

Security Power-on password, hard disk password, supervisor password, security keyhole
Security chip Trusted Platform Module, TCG 1.2-compliant
vPro (optional) Intel vPro Technology
Fingerprint reader *Optional:* Fingerprint reader on the keyboard bezel, swipe sensor

Preload
Win8 / 8.1 DG Win7:		Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit
Win8 / 8.1 64:		Windows 8 / 8.1 64-bit
Win8 / 8.1 P64:		Windows 8 / 8.1 Pro 64-bit

Limited warranty[12] **1-year** - depot / **3-years** (1-yr battery) - depot / **3-years** (1-year battery) **onsite**

See footnotes for more detailed information   (CB1-4) © Lenovo

ThinkPad T440 20B7 (Windows 8)

Model	Processor	vPro	Graphics	Memory (soldered +DIMM)	Display	Multi-touch	Storage	WLAN & Bluetooth	WWAN / M.2 SSD	SIM card	Smart card reader / M.2 SSD	Camera	Backlit keyboard	Fingerprint reader	NFC	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Global	Ann date (m/y)
20B7005KUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	MT	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-depot	Yes	01/14
20B7005MUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-depot	Yes	01/14
20B70005US	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	No+6(47.5wh)	45W	Win8 P64	3-depot	Yes	09/13
20B70009US	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B7000BUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	MT	128G SSD	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B7000FUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	128G SSD	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B7000JUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B7000NUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B7000QUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	No+6(47.5wh)	45W	Win8 P64	3-depot	Yes	09/13
20B7000TUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B7000UUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B7000VUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	MT	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B7000WUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	128G SSD	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B7003SUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	No	09/13
20B7003UUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	No+6(47.5wh)	45W	Win8 P64	3-depot	No	09/13
20B7003VUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	128G SSD	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 P64	3-depot	No	09/13
20B70061US	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	03/14
20B70062US	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	No	180G SSD Opal	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	03/14

- For detailed platform specifications, please see *ThinkPad T440 Platform Specifications* sheet

Processor					
	Processor	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types
	i3-4010U		1.7 GHz	-	3MB	
	i3-4030U		1.9 GHz	-	3MB	
	i5-4200U	2	1.6 GHz	2.6 GHz	3MB	DDR3L-1600
	i5-4300U		1.9 GHz	2.9 GHz	3MB	
	i7-4500U		1.8 GHz	3 GHz	4MB	
	i7-4600U		2.1 GHz	3.3 GHz	4MB	

Processor: 4th Generation Intel® Core™ i3 / i5 / i7 Processor

Memory: 8GB or 12GB* max7 / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable*, 4GB memory soldered to systemboard on selected models, one 204-pin SO-DIMM socket *(*for the models with 4GB on-board memory)*

Optical: None

Storage:
- *Some:* SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
- *Some:* HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, APS
- *Some:* SSHD with 8GB NAND flash memory

M.2 SSD:
- *Some:* Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader
- *Some:* Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card

Widescreen display:
- *Some:* **14.0"** (355mm) **HD (1366x768)**, 200 nits, 350:1 contrast ratio
- *Some:* **14.0"** (355mm) **HD+ (1600x900)**, 250 nits, 400:1 contrast ratio

Multi-touch: *Some:* Capacitive-type multi-touch, supports 10-finger gesture

Camera: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

Graphics: **Intel HD Graphics 4400** in processor

Dimensions3:
14.0W" (WxDxH): 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm
14.0W" MultiTouch (WxDxH): 13.35" x 9.15" x 0.91"; 339mm x 232.5mm x 23mm

Weight2:

Models	3-cell + 3-cell	3-cell + 6-cell
Non-MultiTouch	3.79 lb / 1.72kg	4.10 lb / 1.86kg
MultiTouch	4.03 lb / 1.83kg	4.33 lb / 1.97kg

Case material: Glass-Fiber Reinforced Plastic
Internal battery: *Optional:* Integrated Li-Ion or Li-Polymer 3-cell (23.5Wh), HW Authentication
External battery: Li-Ion 3-cell (23.5Wh) or 6-cell (47.5Wh or 72Wh), HW Authentication

Max battery life10:

Battery configuration	3-cell + 3-cell	3-cell + 6-cell 47.5Wh	3-cell + 6-cell 72Wh
Battery life	8.6 hr	12.9 hr	17.2 hr

AC adapter: 45-watt AC adapter

Keyboard UltraNav™: 6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch

ThinkLight™: None

Chipset: Intel SoC (System on Chip) platform
Smart card reader: *Optional:* Smart card reader
Media reader: 4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports: Two USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector

Audio support: HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

WLAN4:
- *11b/g/n+BT:* ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card
- *7260 b/g/n+BT:* Intel Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
- *7260 a/b/g/n+BT:* Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
- *7260 ac+BT:* Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 card

WWAN (optional):
- *Upg:* Wireless WAN upgradable
- *EM7355:* Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/ HSPA+/EVDO/GSM/GPRS/EDGE, GPS

SIM card (optional):
- *AT&T / Verizon:* AT&T® / Verizon® LTE (4G), contract required with service provider
- *Select:* User selectable, contract required with service provider

Bluetooth™: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet: *Non-vPro model:* Intel Ethernet Connection I218-V (Clarkville)
vPro model: Intel Ethernet Connection I218-LM (Clarkville)

NFC: *Optional:* Near Field Communication

Security: Power-on password, hard disk password, supervisor password, security keyhole
Security chip: Trusted Platform Module, TCG 1.2-compliant
vPro (optional): Intel vPro Technology
Fingerprint reader: *Optional:* Fingerprint reader on the keyboard bezel, swipe sensor

Preload:
- *Win8 / 8.1 DG Win7:* Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit
- *Win8 / 8.1 64:* Windows 8 / 8.1 64-bit
- *Win8 / 8.1 P64:* Windows 8 / 8.1 Pro 64-bit

Limited warranty12 **1-year** - depot / **3-years** (1-yr battery) - depot / **3-years** (1-year battery) **onsite**

See footnotes for more detailed information
US model(s) withdrawn effective March 2015

Model	Processor	vPro	Graphics	Memory (soldered +DIMM)	Display	Multi-touch	Storage	WLAN & Bluetooth	WWAN / M.2 SSD	SIM card	Smart card reader / M.2 SSD	Camera	Backlit key-board	Finger-print reader	NFC	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Global	Ann date (m/y)
20B70066US	i5-4300U	vPro	HD 4400	4+0GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	03/14
20B70068US	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	No	240G SSD Opal	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	03/14
20B70069US	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	No	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	03/14
20B7005LUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	MT	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-depot	Yes	01/14
20B7005NUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-depot	Yes	01/14
20B70006US	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B70008US	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	MT	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B7000GUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B7000RUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	No	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	09/13
20B70065US	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8 P64	3-depot	Yes	03/14

- *For detailed platform specifications, please see* ThinkPad T440 Platform Specifications *sheet*

Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types
i3-4010U		1.7 GHz	-	3MB	
i3-4030U		1.9 GHz	-	3MB	
i5-4200U	2	1.6 GHz	2.6 GHz	3MB	DDR3L-1600
i5-4300U		1.9 GHz	2.9 GHz	3MB	
i7-4500U		1.8 GHz	3 GHz	4MB	
i7-4600U		2.1 GHz	3.3 GHz	4MB	

Memory	8GB or 12GB* max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable*, 4GB memory soldered to systemboard on selected models, one 204-pin SO-DIMM socket (*for the models with 4GB on-board memory)
Optical	None
Storage	*Some:* SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
	Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, APS
	Some: SSHD with 8GB NAND flash memory
M.2 SSD	*Some:* Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader
	Some: Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card
Widescreen display	*Some:* 14.0" (355mm) **HD (1366x768)**, 200 nits, 350:1 contrast ratio
	Some: 14.0" (355mm) **HD+ (1600x900)**, 250 nits, 400:1 contrast ratio
Multi-touch	*Some:* Capacitive-type multi-touch, supports 10-finger gesture
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus
Graphics	**Intel HD Graphics 4400** in processor
Dimensions[3]	*14.0W" (WxDxH):* 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm
	14.0W" MultiTouch (WxDxH): 13.35" x 9.15" x 0.91"; 339mm x 232.5mm x 23mm

Weight[2]

Models	3-cell + 3-cell	3-cell + 6-cell
Non-MultiTouch	3.79 lb / 1.72kg	4.10 lb / 1.86kg
MultiTouch	4.03 lb / 1.83kg	4.33 lb / 1.97kg

Case material	Glass-Fiber Reinforced Plastic
Internal battery	*Optional:* Integrated Li-Ion or Li-Polymer 3-cell (23.5Wh), HW Authentication
External battery	Li-Ion 3-cell (23.5Wh) or 6-cell (47.5Wh or 72Wh), HW Authentication

Max battery life[10]

Battery configuration	3-cell + 3-cell	3-cell + 6-cell 47.5Wh	3-cell + 6-cell 72Wh
Battery life	8.6 hr	12.9 hr	17.2 hr

AC adapter	45-watt AC adapter

Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch
ThinkLight™	None
Chipset	Intel SoC (System on Chip) platform
Smart card reader	*Optional:* Smart card reader
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports	Two USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector
Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

WLAN[4]	*11b/g/n+BT:* ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card
	7260 b/g/n+BT: Intel Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
	7260 a/b/g/n+BT: Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
	7260 ac+BT: Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 card
WWAN (optional)	*Upg:* Wireless WAN upgradable
	EM7355: Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/ HSPA+/EVDO/GSM/GPRS/EDGE, GPS
SIM card (optional)	*AT&T / Verizon:* AT&T® / Verizon® LTE (4G), contract required with service provider
	Select: User selectable, contract required with service provider
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet	*Non-vPro model:* Intel Ethernet Connection I218-V (Clarkville)
	vPro model: Intel Ethernet Connection I218-LM (Clarkville)
NFC	*Optional:* Near Field Communication
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, TCG 1.2-compliant
vPro (optional)	Intel vPro Technology
Fingerprint reader	*Optional:* Fingerprint reader on the keyboard bezel, swipe sensor
Preload	*Win8 / 8.1 DG Win7:* Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit
	Win8 / 8.1 64: Windows 8 / 8.1 64-bit
	Win8 / 8.1 P64: Windows 8 / 8.1 Pro 64-bit
Limited warranty[12]	**1-year** - depot / **3-years** (1-yr battery) - depot / **3-years** (1-year battery) **onsite**

See footnotes for more detailed information

ThinkPad T440 20B7 (Onsite)

Model	Processor	vPro	Graphics	Memory (soldered +DIMM)	Display	Multi-touch	Storage	WLAN & Bluetooth	WWAN / M.2 SSD	SIM card	Smart card reader / M.2 SSD	Camera	Backlit keyboard	Finger-print reader	NFC	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Global	Ann date (m/y)
20B70048US	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-onsite	Yes	11/13
20B70049US	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	No+6(47.5wh)	45W	Win8 DG Win7	3-onsite	Yes	11/13
20B7004EUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-onsite	Yes	11/13
20B7004LUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	180G SSD Opal	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-onsite	Yes	11/13
20B7004NUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-onsite	Yes	11/13
20B7004PUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	No+6(47.5wh)	45W	Win8 DG Win7	3-onsite	Yes	11/13
20B7004RUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	240G SSD Opal	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-onsite	Yes	11/13
20B7004SUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-onsite	Yes	11/13
20B70046US	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	No	240G SSD Opal	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-onsite	Yes	11/13
20B7004AUS	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	No	180G SSD Opal	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-onsite	Yes	11/13
20B7004KUS	i7-4600U	vPro	HD 4400	4+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 DG Win7	3-onsite	Yes	11/13

- *For detailed platform specifications, please see ThinkPad T440 Platform Specifications sheet*

Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types
i3-4010U	2	1.7 GHz	-	3MB	DDR3L-1600
i3-4030U		1.9 GHz	-	3MB	
i5-4200U		1.6 GHz	2.6 GHz	3MB	
i5-4300U		1.9 GHz	2.9 GHz	3MB	
i7-4500U		1.8 GHz	3 GHz	4MB	
i7-4600U		2.1 GHz	3.3 GHz	4MB	

Memory
8GB or 12GB* max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable*, 4GB memory soldered to systemboard on selected models, one 204-pin SO-DIMM socket (*for the models with 4GB on-board memory)

Optical None
Storage
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, APS
Some: SSHD with 8GB NAND flash memory
M.2 SSD
Some: Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader
Some: Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card

Widescreen display
Some: 14.0" (355mm) **HD (1366x768)**, 200 nits, 350:1 contrast ratio
Some: 14.0" (355mm) **HD+ (1600x900)**, 250 nits, 400:1 contrast ratio
Multi-touch
Some: Capacitive-type multi-touch, supports 10-finger gesture
Camera HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

Graphics **Intel HD Graphics 4400** in processor

Dimensions[3]
14.0W" (WxDxH): 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm
14.0W" MultiTouch (WxDxH): 13.35" x 9.15" x 0.91"; 339mm x 232.5mm x 23mm

Weight[2]

Models	3-cell + 3-cell	3-cell + 6-cell
Non-MultiTouch	3.79 lb / 1.72kg	4.10 lb / 1.86kg
MultiTouch	4.03 lb / 1.83kg	4.33 lb / 1.97kg

Case material Glass-Fiber Reinforced Plastic
Internal battery *Optional:* Integrated Li-Ion or Li-Polymer 3-cell (23.5Wh), HW Authentication
External battery Li-Ion 3-cell (23.5Wh) or 6-cell (47.5Wh or 72Wh), HW Authentication
Max battery life[10]

Battery configuration	3-cell + 3-cell	3-cell + 6-cell 47.5Wh	3-cell + 6-cell 72Wh
Battery life	8.6 hr	12.9 hr	17.2 hr

AC adapter 45-watt AC adapter

Keyboard 6-row, spill-resistant, multimedia Fn keys, optional LED backlight
UltraNav™ TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch
ThinkLight™ None
Chipset Intel SoC (System on Chip) platform
Smart card reader *Optional:* Smart card reader
Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports Two USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector

Audio support HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

WLAN[4]
11b/g/n+BT: ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card
7260 b/g/n+BT: Intel Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
7260 a/b/g/n+BT: Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
7260 ac+BT: Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 card

WWAN (optional)
Upg: Wireless WAN upgradable
EM7355: Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/ HSPA+/EVDO/GSM/GPRS/EDGE, GPS

SIM card (optional)
AT&T / Verizon: AT&T® / Verizon® LTE (4G), contract required with service provider
Select: User selectable, contract required with service provider

Bluetooth™ Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet
Non-vPro model: Intel Ethernet Connection I218-V (Clarkville)
vPro model: Intel Ethernet Connection I218-LM (Clarkville)
NFC *Optional:* Near Field Communication

Security Power-on password, hard disk password, supervisor password, security keyhole
Security chip Trusted Platform Module, TCG 1.2-compliant
vPro (optional) Intel vPro Technology
Fingerprint reader *Optional:* Fingerprint reader on the keyboard bezel, swipe sensor

Preload
Win8 / 8.1 DG Win7: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit
Win8 / 8.1 64: Windows 8 / 8.1 64-bit
Win8 / 8.1 P64: Windows 8 / 8.1 Pro 64-bit

Limited warranty[12] **1-year** - depot / **3-years** (1-yr battery) - depot / **3-years** (1-year battery) **onsite**

See footnotes for more detailed information

ThinkPad T440 20B7 (Onsite) - Windows 8

Model	Processor	vPro	Graphics	Memory (soldered +DIMM)	Display	Multi-touch	Storage	WLAN & Bluetooth	WWAN / M.2 SSD	SIM card	Smart card reader / M.2 SSD	Cam-era	Backlit key-board	Finger-print reader	NFC	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Global	Ann date (m/y)
20B70007US	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 P64	3-onsite	Yes	09/13
20B7000DUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 P64	3-onsite	Yes	09/13
20B7000HUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	No+6(47.5wh)	45W	Win8 P64	3-onsite	Yes	09/13
20B7000LUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	128G SSD	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 P64	3-onsite	Yes	09/13
20B7000MUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	500G 7200	7260 ac+BT	Upg	None	None	720p	None	Finger	None	No+6(47.5wh)	45W	Win8 P64	3-onsite	Yes	09/13
20B7000PUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	128G SSD	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 P64	3-onsite	Yes	09/13
20B7000SUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD	No	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 P64	3-onsite	Yes	09/13
20B7000XUS	i5-4300U	vPro	HD 4400	0+4GB	14" HD+	No	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	None	Finger	None	3+3	45W	Win8 P64	3-onsite	Yes	09/13
20B7003TUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 P64	3-onsite	No	09/13
20B7003WUS	i5-4300U	vPro	HD 4400	0+8GB	14" HD+	No	128G SSD	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8 P64	3-onsite	No	09/13
20B70063US	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	MT	180G SSD Opal	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-onsite	Yes	03/14
20B70064US	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	MT	240G SSD Opal	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-onsite	Yes	03/14
20B70067US	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	MT	256G SSD eDrive	7260 ac+BT	Upg	None	None	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-onsite	Yes	03/14
20B7006AUS	i5-4300U	vPro	HD 4400	4+0GB	14" HD+	MT	500G 7200	7260 ac+BT	Upg	None	16GB	720p	Backlit	Finger	None	3+3	45W	Win8.1 P64	3-onsite	Yes	03/14
20B7000CUS	i7-4600U	vPro	HD 4400	4+0GB	14" HD+	No	500G 7200	7260 ac+BT	Upg	None	16GB	720p	None	Finger	None	3+3	45W	Win8 P64	3-onsite	Yes	09/13

- *For detailed platform specifications, please see* [ThinkPad T440 Platform Specifications](#) *sheet*

Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor				
	Processor	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types

Processor	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types
i3-4010U		1.7 GHz	-	3MB	
i3-4030U		1.9 GHz	-	3MB	
i5-4200U	2	1.6 GHz	2.6 GHz	3MB	DDR3L-1600
i5-4300U		1.9 GHz	2.9 GHz	3MB	
i7-4500U		1.8 GHz	3 GHz	4MB	
i7-4600U		2.1 GHz	3.3 GHz	4MB	

Memory
8GB or 12GB* max[7] / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable*, 4GB memory soldered to systemboard on selected models, one 204-pin SO-DIMM socket *(*for the models with 4GB on-board memory)*

Optical None
Storage
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, APS
Some: SSHD with 8GB NAND flash memory
M.2 SSD
Some: Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader
Some: Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card

Widescreen display
Some: 14.0" (355mm) **HD (1366x768)**, 200 nits, 350:1 contrast ratio
Some: 14.0" (355mm) **HD+ (1600x900)**, 250 nits, 400:1 contrast ratio
Multi-touch *Some:* Capacitive-type multi-touch, supports 10-finger gesture
Camera HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

Graphics **Intel HD Graphics 4400** in processor

Dimensions[3]
14.0W" (WxDxH): 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm
14.0W" MultiTouch (WxDxH): 13.35" x 9.15" x 0.91"; 339mm x 232.5mm x 23mm

Weight[2]

Models	3-cell + 3-cell	3-cell + 6-cell
Non-MultiTouch	3.79 lb / 1.72kg	4.10 lb / 1.86kg
MultiTouch	4.03 lb / 1.83kg	4.33 lb / 1.97kg

Case material Glass-Fiber Reinforced Plastic
Internal battery *Optional:* Integrated Li-Ion or Li-Polymer 3-cell (23.5Wh), HW Authentication
External battery Li-Ion 3-cell (23.5Wh) or 6-cell (47.5Wh or 72Wh), HW Authentication
Max battery life[10]

Battery configuration	3-cell + 3-cell	3-cell + 6-cell 47.5Wh	3-cell + 6-cell 72Wh
Battery life	8.6 hr	12.9 hr	17.2 hr

AC adapter 45-watt AC adapter

Keyboard UltraNav™ 6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch
ThinkLight™ None

Chipset Intel SoC (System on Chip) platform
Smart card reader *Optional:* Smart card reader
Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports Two USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector

Audio support HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

WLAN[4]
11b/g/n+BT: ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card
7260 b/g/n+BT: Intel Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
7260 a/b/g/n+BT: Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 card
7260 ac+BT: Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 card

WWAN (optional)
Upg: Wireless WAN upgradable
EM7355: Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/ HSPA+/EVDO/GSM/GPRS/EDGE, GPS

SIM card (optional)
AT&T / Verizon: AT&T® / Verizon® LTE (4G), contract required with service provider
Select: User selectable, contract required with service provider

Bluetooth™ Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet
Non-vPro model: Intel Ethernet Connection I218-V (Clarkville)
vPro model: Intel Ethernet Connection I218-LM (Clarkville)
NFC *Optional:* Near Field Communication

Security Power-on password, hard disk password, supervisor password, security keyhole
Security chip Trusted Platform Module, TCG 1.2-compliant
vPro (optional) Intel vPro Technology
Fingerprint reader *Optional:* Fingerprint reader on the keyboard bezel, swipe sensor

Preload
Win8 / 8.1 DG Win7: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit
Win8 / 8.1 64: Windows 8 / 8.1 64-bit
Win8 / 8.1 P64: Windows 8 / 8.1 Pro 64-bit

Limited warranty[12] **1-year** - depot / **3-years** (1-yr battery) - depot / **3-years** (1-year battery) **onsite**

See footnotes for more detailed information