

# ThinkPad T440 20B7 (Windows 8)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory (soldered +DIMM)	Wide-screen display	Multi-touch	Graphics	Camera	Storage	Backlit key-board	M.2 Card WLAN	M.2 Card WWAN/SSD	SIM card	Finger print reader	NFC	smart card reader/ M.2 SSD	battery cells (int+ext)	Preload	Base Warranty (year)	Global	Ann Date (m/y)
20B70005US	i5-4300U	0+4GB	14" HD+		HD 4400	720p	500G 7200	None	7260 ac	upg	None	Finger	None	None	No+6 <sup>1</sup>	Win8 P64	3-Depot	Yes	09/13
20B70006US	i7-4600U	4+0GB	14" HD+	MT	HD 4400	720p	500G 7200	None	7260 ac	upg	None	Finger	None	16GB	3+3	Win8 P64	3-Depot	Yes	09/13
20B70008US	i7-4600U	4+0GB	14" HD+	MT	HD 4400	720p	256G SSD eDrive	None	7260 ac	upg	None	Finger	None	None	3+3	Win8 P64	3-Depot	Yes	09/13
20B70009US	i5-4300U	0+4GB	14" HD+	MT	HD 4400	720p	500G 7200	None	7260 ac	upg	None	Finger	None	16GB	3+3	Win8 P64	3-Depot	Yes	09/13
20B7000BUS	i5-4300U	0+4GB	14" HD+	MT	HD 4400	720p	128G SSD	None	7260 ac	upg	None	Finger	None	None	3+3	Win8 P64	3-Depot	Yes	09/13
20B7000FUS	i5-4300U	0+4GB	14" HD+		HD 4400	720p	128G SSD	None	7260 ac	upg	None	Finger	None	None	3+3	Win8 P64	3-Depot	Yes	09/13
20B7000GUS	i7-4600U	4+0GB	14" HD+		HD 4400	720p	500G 7200	None	7260 ac	upg	None	Finger	None	16GB	3+3	Win8 P64	3-Depot	Yes	09/13
20B7000JUS	i5-4300U	0+4GB	14" HD+		HD 4400	720p	500G 7200	None	7260 ac	upg	None	Finger	None	16GB	3+3	Win8 P64	3-Depot	Yes	09/13
20B7000NUS	i5-4300U	0+4GB	14" HD		HD 4400	720p	256G SSD eDrive	None	7260 ac	upg	None	Finger	None	None	3+3	Win8 P64	3-Depot	Yes	09/13
20B7000QUS	i5-4300U	0+4GB	14" HD		HD 4400	720p	500G 7200	None	7260 ac	upg	None	Finger	None	None	No+6 <sup>1</sup>	Win8 P64	3-Depot	Yes	09/13
20B7000RUS	i7-4600U	4+0GB	14" HD+		HD 4400	720p	256G SSD eDrive	None	7260 ac	upg	None	Finger	None	None	3+3	Win8 P64	3-Depot	Yes	09/13
20B7000TUS	i5-4300U	0+4GB	14" HD+		HD 4400	720p	500G 7200	None	7260 ac	upg	None	Finger	None	16GB	3+3	Win8 P64	3-Depot	Yes	09/13
20B7000UUS	i5-4300U	0+4GB	14" HD+		HD 4400	720p	256G SSD eDrive	None	7260 ac	upg	None	Finger	None	None	3+3	Win8 P64	3-Depot	Yes	09/13
20B7000VUS	i5-4300U	0+4GB	14" HD+	MT	HD 4400	720p	256G SSD eDrive	None	7260 ac	upg	None	Finger	None	None	3+3	Win8 P64	3-Depot	Yes	09/13
20B7000WUS	i5-4300U	0+4GB	14" HD		HD 4400	720p	128G SSD	None	7260 ac	upg	None	Finger	None	None	3+3	Win8 P64	3-Depot	Yes	09/13
20B7003SUS	i5-4300U	0+8GB	14" HD+		HD 4400	720p	500G 7200	None	7260 ac	upg	None	Finger	None	16GB	3+3	Win8 P64	3-Depot	No	09/13
20B7003UUS	i5-4300U	0+8GB	14" HD+		HD 4400	720p	500G 7200	None	7260 ac	upg	None	Finger	None	None	No+6 <sup>1</sup>	Win8 P64	3-Depot	No	09/13
20B7003VUS	i5-4300U	0+8GB	14" HD+		HD 4400	720p	128G SSD	Backlit	7260 ac	upg	None	Finger	None	None	3+3	Win8 P64	3-Depot	No	09/13
20B7005KUS	i5-4300U	0+4GB	14" HD+	MT	HD 4400	720p	256G SSD eDrive	Backlit	7260 ac	upg	None	Finger	None	None	3+3	Win8.1 P64	3-Depot	Yes	01/14
20B7005MUS	i5-4300U	0+4GB	14" HD+	MT	HD 4400	720p	500G 7200	Backlit	7260 ac	upg	None	Finger	None	16GB	3+3	Win8.1 P64	3-Depot	Yes	01/14
20B7005LUS	i7-4600U	4+0GB	14" HD+	MT	HD 4400	720p	256G SSD eDrive	Backlit	7260 ac	upg	None	Finger	None	None	3+3	Win8.1 P64	3-Depot	Yes	01/14
20B7005NUS	i7-4600U	4+0GB	14" HD+	MT	HD 4400	720p	500G 7200	Backlit	7260 ac	upg	None	Finger	None	16GB	3+3	Win8.1 P64	3-Depot	Yes	01/14

6<sup>1</sup>=6-cell 47.5Wh; 6<sup>2</sup>=6-cell 72Wh

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

Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor		Chipset	Intel 4th Generation core 1 chip (integrated chipset with processor)										
Memory	8GB or 12GB* max <sup>7</sup> / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable <sup>8</sup> , 4GB memory soldered to systemboard on selected models, one 204-pin SO-DIMM socket (*for the models with 4GB on-board memory)		Smart Card Reader	Optional: Smart Card reader										
Optical	None		Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)										
SATA disk	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		Ports	Two USB 3.0 (one Always On), VGA, Mini DP, ethernet (RJ-45), Dock connector										
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		Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack										
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		WLAN <sup>4</sup>	TP 11b/g/n: ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 Card 7260 b/g/n: Intel Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 Card 7260 a/b/g/n: Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 Card 7260 ac: Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 Card										
MultiTouch	Some: Capacitive-type MultiTouch, supports ten-finger gesture		WWAN (optional)	upg: Wireless WAN upgradable EM7355: Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/ HSPA+/EVDO/GSM/GPRS/EDGE, GFS										
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus		SIM card (optional)	AT&T / Verizon: AT&T® / Verizon® LTE (4G), contract required with service provider select: User selectable, contract required with service provider										
Graphics	Intel HD Graphics 4400 in processor		Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter										
Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight		Ethernet	Non-vPro model: Intel Ethernet Connection I218-V (Clarkville) vPro model: Intel Ethernet Connection I218-LM (Clarkville)										
UltraNav™	TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch		NFC	Optional: Near Field Communication										
ThinkLight™	None		Security chip	Power-on password, hard disk password, supervisor password, security keyhole										
Dimensions <sup>3</sup>	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		Trusted Platform Module, TCG 1.2-compliant	vPro and Intel Active Management Technology (iAMT) support on selected models										
Weight <sup>2</sup>	<table border="1"> <thead> <tr> <th>Models</th> <th>3-cell + 3-cell</th> <th>3-cell + 6-cell</th> </tr> </thead> <tbody> <tr> <td>Non-MultiTouch</td> <td>4.0 lb / 1.81kg</td> <td>4.4 lb / 2.0kg</td> </tr> <tr> <td>MultiTouch</td> <td>4.3 lb / 1.95kg</td> <td>4.7 lb / 2.13kg</td> </tr> </tbody> </table>		Models	3-cell + 3-cell	3-cell + 6-cell	Non-MultiTouch	4.0 lb / 1.81kg	4.4 lb / 2.0kg	MultiTouch	4.3 lb / 1.95kg	4.7 lb / 2.13kg	Fingerprint reader	Optional: Fingerprint reader on the keyboard bezel, swipe sensor	
Models	3-cell + 3-cell	3-cell + 6-cell												
Non-MultiTouch	4.0 lb / 1.81kg	4.4 lb / 2.0kg												
MultiTouch	4.3 lb / 1.95kg	4.7 lb / 2.13kg												
Case material	Glass-Fiber Reinforced Plastic		Preload	Win7 P64 DG Win8 / 8.1: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit										
Internal battery	Optional: Integrated Li-Ion or Li-Polymer 3-cell (23.5Wh), HW Authentication		Win8 / 8.1 64:	Windows 8 / 8.1 64-bit										
External battery	Li-Ion 3-cell (23.5Wh) or 6-cell (47.5Wh or 72Wh), HW Authentication		Win8 / 8.1 P64:	Windows 8 / 8.1 Pro 64-bit										
Battery - life <sup>10</sup>	<table border="1"> <thead> <tr> <th>Battery configuration</th> <th>3-cell + 3-cell</th> <th>3-cell + 6-cell 47.5Wh</th> <th>3-cell + 6-cell 72Wh</th> </tr> </thead> <tbody> <tr> <td>Battery life</td> <td>8,6 hr</td> <td>12,9 hr</td> <td>17,2 hr</td> </tr> </tbody> </table>		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	Limited warranty <sup>12</sup>	1-year - depot / 3-years (1-yr battery) - depot / 3-years (1-year battery) onsite		
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													

See footnotes for more detailed information

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