

# ThinkPad 8 20BN002Q++

**Region**  
WE

**Machine Type**  
20BN

**TopSeller**  
TopSeller

**Processor**  
Z3770

**vPro**  
No

**Graphics**  
Intel HD graphics

**Memory**  
2GB Soldered

**Display**  
8.3" WUXGA (1920x1200)

**Multi-touch**  
Multi-touch

**Pen**  
No

**Storage**  
64GB eMMC

**Optical**  
No

**WLAN & Bluetooth**  
ThinkPad 11 a/b/g/n + BT4.0

**WWAN/SSD**  
Sierra EM7345

**SIM Card**  
No

**Smart Card Reader**  
No

**Color**  
Black

**Camera(Front/Rear)**  
2.0/8.0 MP

**Keyboard**  
No

**Fingerprint Reader**  
No

**NFC**  
No

**Smart Cover**  
No

**Battery (int+ext)**  
2-cell (20.5wh)

**Power Adapter (watt)**  
10W

**Preload**  
Windows 8.1 Pro 32

**Base Warranty**  
1-year, depot

**Global**  
No

**Ann Date (m/y)**  
2014-04-29

## Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "\*\*\*" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



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# ThinkPad 8 Platform Specifications

Product Specifications Reference (PSREF)

Country Code"++": AT (Austria), FR (France), GB (Germany w/ English OS), GE (Germany w/ German OS), IV (Israel), IW (Iceland), IX (Italy), MB (Belgium), MD (Denmark), MH (Netherlands), ML (Luxembourg), MN (Norway), MS (Sweden), MZ (Switzerland), NX (Netherlands), PG (Portugal), SP (Spain), UK (United Kingdom)  
 Note: models listed above might not be available in all WE countries

Positioning	Touchscreen tablet for on-the-go business	<b>Preloaded operating system<sup>20</sup></b> - Some: Windows® 8.1 32-bit - Some: Windows 8.1 Pro 32-bit - Some: Windows 8.1 Pro 64-bit - Some: Windows 8.1 with Bing 32-bit - Some: Windows 8.1 with Bing 64-bit  <b>Preloaded applications<sup>14</sup></b> (only some listed) • Lenovo Support • Lenovo Companion • Norton™ Internet Security (30 days of virus definitions) • ThinkVantage System Update • AccuWeather • Evernote® • Nitro PDF • Amazon Kindle
Processor	<b>Intel® Atom™ Processor Z3770 (4 cores, 2.40GHz, 2MB cache),</b> LPDDR3 memory controller (1067MHz), support 32-bit OS <b>Intel Atom Processor Z3795 (4 cores, 2.40GHz, 2MB cache),</b> LPDDR3 memory controller (1067MHz), support 64-bit OS	
Memory	2GB or 4GB / 1067MHz LPDDR3, mobile DDR / soldered to systemboard, no sockets	
Storage	64GB or 128GB / eMMC (embedded Multi Media Card) flash memory on board	
Storage extension	One microSD Card slot, supports up to 64GB	
Graphics	<b>Intel HD graphics</b> in Intel Atom SoC, supports 1080p video out via mini-HDMI™ connector, HDCP-compliant	
Display	<b>8.3" (210.8mm) WUXGA (1920x1200) TFT color,</b> smudgeless display with infinity AGC Dragontrail™ Glass, LED backlight, 370 nits, 16:10 aspect ratio, 500:1 contrast ratio, IPS, WideView (160° viewing), MultiTouch screen supports 10-finger gesture	
Tablet pen	None	
Camera	<b>Front camera:</b> 2.0-megapixel, fixed focus <b>Rear camera:</b> 8.0-megapixel, auto focus, flash LED	
Video capture	1080p video capture	
Audio support	Realtek® ALC5672 codec / stereo speakers, 0.5 watt x 2 / dual array digital microphone, combo audio/microphone jack	
Media capable	Audio formats: MP3, AAC, AAC+, AC3, PCM, WMA, WAV, AVI Video formats: MPEG-4, H.263, H.264, VC-1, WMV9, Motion-JPG	
Control buttons	Windows button, Power button, volume control button, reset switch	
Light sensor	Ambient Light Sensor, ISL29023	
G-sensor/ eCompass	3D accelerometer and 3D magnetometer module, AK8963C	
Gyroscope	InvenSense MPU6050	
Platform	<b>Intel Atom Z3770 SoC (System on Chip) platform</b>	
Ports	One micro-USB 3.0, one micro-HDMI, headphone/microphone combo jack	
WLAN <sup>4</sup>	11a/b/g/n <sup>28</sup> wireless, ThinkPad 11a/b/g/n, 2x2, WiFi + Bluetooth combo chip	
WWAN	EM7345: Sierra Wireless EM7345, 4G LTE/HSPA/GSM/GPRS/EDGE, GPS	
	N5321: Ericsson N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS	
SIM card	None	
GNSS	None	
Bluetooth™	Bluetooth 4.0 wireless, integrated in WiFi + Bluetooth combo chip	
NFC	None	
Dimensions <sup>3</sup>	8.83" x 5.20" x 0.35"; 224.3mm x 132.0mm x 8.8mm	10-watt AC adapter (via micro-USB) GREENGUARD® certified RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>
Weight <sup>2</sup>	WiFi only: from 0.95 lb (0.43kg)	
Case color	Black	
Case material	ALuminium top cover, Edge Profile Rubber	
Battery - type	Lithium Polymer, 20.5Whr	
Battery - life <sup>10</sup>	up to 17 days (standby); up to 8.0 hr (web browsing with flash)	
Limited Warranty <sup>12</sup> <b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available		

See footnotes for more detailed information

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