ThinkPad 8 20BN002N++

Region
WE

Machine Type
20BN

TopSeller
No

Processor
Z3770

vPro
No

Graphics
Intel HD graphics

Memory
2GB Soldered

Display
8.3" WUXGA (1920x1200)

Multi-touch
Multi-touch

Pen
No

Storage
128GB 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
Smart Cover

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

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*
Processor	**Intel® Atom™ Processor Z3770 (4 cores, 2.40GHz, 2MB cache)**, LPDDR3 memory controller (1067MHz), support 32-bit OS **Intel Atom Processor Z3795 (4 cores, 2.40GHz, 2MB cache)**, LPDDR3 memory controller (1067MHz), support 64-bit OS
Memory	2GB or 4GB / 1067MHz LPDDR3, mobile DDR / soldered to systemboard, no sockets
Storage Storage extension	64GB or 128GB / eMMC (embedded Multi Media Card) flash memory on board One microSD Card slot, supports up to 64GB
Graphics Display Tablet pen	**Intel HD graphics** in Intel Atom SoC, supports 1080p video out via mini-HDMI™ connector, HDCP-compliant **8.3"** (210.8mm) **WUXGA (1920x1200) TFT color**, 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 None
Camera Video capture	*Front camera:* 2.0-megapixel, fixed focus *Rear camera:* 8.0-megapixel, auto focus, flash LED 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 G-sensor/ eCompass Gyroscope	Ambient Light Sensor, ISL29023 3D accelerometer and 3D magnetometer module, AK8963C InvenSense MPU6050
Platform Ports	**Intel Atom Z3770 SoC (System on Chip) platform** One micro-USB 3.0, one micro-HDMI, headphone/microphone combo jack
WLAN[4] WWAN SIM card GNSS Bluetooth™ NFC	11a/b/g/n[28] wireless, ThinkPad 11a/b/g/n, 2x2, WiFi + Bluetooth combo chip *EM7345:* Sierra Wireless EM7345, 4G LTE/HSPA/GSM/GPRS/EDGE, GPS *N5321:* Ericsson N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS None None Bluetooth 4.0 wireless, integrated in WiFi + Bluetooth combo chip None
Dimensions[3] Weight[2] Case color Case material	8.83" x 5.20" x 0.35"; 224.3mm x 132.0mm x 8.8mm *WiFi only:* from 0.95 lb (0.43kg) Black ALuminium top cover, Edge Profile Rubber
Battery - type Battery - life[10]	Lithium Polymer, 20.5Whr up to 17 days (standby); up to 8.0 hr (web browsing with flash)
Limited Warranty[12]	**1-year** - depot repair service / service upgrades[22] available

Preloaded operating system[20]
- *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

Preloaded applications[14] (only some listed)
- Lenovo Support
- Lenovo Companion
- Norton™ Internet Security (30 days of virus definitions)
- ThinkVantage System Update
- AccuWeather
- Evernote®
- Nitro PDF
- Amazon Kindle

10-watt AC adapter (via micro-USB)
GREENGUARD® certified
RoHS-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12]

See footnotes for more detailed information

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ThinkPad 8











