Product Specifications Reference
Lenovo® ThinkPad® Tablets/Convertibles
2014 to present - withdrawn

July 2014 - Version 457

ThinkPad 8
Summary of Changes

This section describes the withdrawn products which are added in this edition and in previous editions.

July 30, 2014 - Version 457

▶ Withdrawn product(s)

ThinkPad Twist S230u are withdrawn and added in the book
## ThinkPad 8 (20BN) - TopSeller

**Product Specifications Reference (PSREF)**

<table>
<thead>
<tr>
<th>Type-model</th>
<th>Processor</th>
<th>Memory</th>
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<th>Camera Front/Rear (MP)</th>
<th>Bluetooth Keyboard with Stand</th>
<th>WLAN</th>
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### Positioning
- Touchscreen tablet for on-the-go business

### Processor
- Intel® Atom™ Processor Z3770 (4 cores, 2.40GHz, 2MB cache), LPDDR3 memory controller (1067MHz)

### Memory
- 2GB / 1067MHz LPDDR3, mobile DDR / soldered to systemboard, no sockets

### Storage
- 64GB or 128GB / eMMC (embedded Multi Media Card) flash memory on board
- One microSD Card slot, supports up to 64GB

### Graphics
- 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

### Display
- Front camera: 2.0-megapixel, fixed focus
- Rear camera: 8.0-megapixel, auto focus, flash LED
- 1080p video capture

### Audio support
- Reallek® 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, AK9896C
- InvenSense MPU6050

### Platform
- Intel Atom Z3770 SoC (System on Chip) platform
- One micro-USB 3.0, one micro-HDMI, headphone/microphone combo jack

### Ports
- 11a/b/g/n² wireless, ThinkPad 11a/b/g/n, 1x1, WiFi + Bluetooth combo chip
- None
- None
- None
- Bluetooth™ 4.0 wireless, integrated in WiFi + Bluetooth combo chip
- None

### Dimensions
- 8.83” x 5.20” x 0.35”; 210.8mm x 132.0mm x 8.8mm

### Weight
- 0.95 lb (0.43kg)

### Case color
- Black

### Case material
- Aluminium top cover, Edge Profile Rubber

### Battery - type
- Lithium Polymer, 20.5Whr
- up to 17 days (standby)
- up to 8.0 hr (web browsing with flash)

### Limited Warranty
- 1-year depot repair service / service upgrades available

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See footnotes for more detailed information

US model(s) announced January 28, 2014

© Lenovo (BSI1-1) January 2014

Preloaded operating system
- Some: Windows 8.1 32-bit
- Some: Windows 8.1 Pro 32-bit

Preloaded applications (only some listed)
- Lenovo Support
- Lenovo Companion
- Norton Internet Security (30 days of virus definitions)
- ThinkVantage System Update
- AccuWeather
- Evernote
- Nitro PDF
- Amazon Kindle
### ThinkPad 8 (20BQ)

#### 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

#### Memory
- 2GB / 1067MHz LPDDR3, mobile DDR / soldered to systemboard, no sockets

#### Storage
- 64GB or 128GB / eMMC (embedded Multi Media Card) flash memory on board
- One microSD Card slot, supports up to 64GB

#### Graphics
- **Intel HD graphics** in Intel Atom SoC
- supports 1080p video out via mini-HDMI™ connector, HDCP-compliant

#### Display
- 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

#### Tablet pen
- None

#### Camera
- Front camera: 2.0-megapixel, fixed focus
- Rear camera: 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: MPE, 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
- **Intel Atom Z3770 SoC (System on Chip) platform**
- One micro-USB 3.0, one micro-HDMI, headphone/microphone combo jack

#### Ports
- **WLAN**
- 11a/b/g/n wireless, ThinkPad 11a/b/g/n, 1x1, WiFi + Bluetooth combo chip
- None

#### Carrier
- None

#### GNSS
- None

#### Bluetooth™
- None
- Bluetooth 4.0 wireless, integrated in WiFi + Bluetooth combo chip
- None

#### Dimensions3
- 8.83" x 5.20" x 0.35"
- 224.3mm x 132.0mm x 8.8mm

#### Weight6
- 0.85lb (0.38kg)

#### Case color
- None
- None

#### Case material
- Aluminium top cover, Edge Profile Rubber

#### Battery - type
- Lithium Polymer, 20.5Whr

#### Battery - life10
- up to 17 days (standby);
- up to 8.0 hr (web browsing with flash)

### Preloaded operating system10
- Some: Windows 8.1 32-bit
- Some: Windows 8.1 Pro 32-bit
- Some: Windows 8.1 Pro 64-bit

### Preloaded applications14 (only some listed)
- Lenovo Support
- Lenovo Companion
- Norton™ Internet Security
- (30 days of virus definitions)
- ThinkVantage System Update
- AccuWeather
- Evernote®
- Nitro PDF
- Amazon Kindle

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See footnotes for more detailed information © Lenovo (BSI-2) June 2014
ThinkPad Twist S230u

Lenovo® ThinkPad Twist S230u (Tent Mode)

Lenovo ThinkPad Twist S230u (Tablet Mode)

Lenovo ThinkPad Twist S230u (Notebook Mode)

Lenovo ThinkPad Twist S230u (Stand Mode)

Lenovo ThinkPad Twist S230u

Lenovo ThinkPad Twist S230u
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<td>8 Win8 Pro64</td>
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</table>

Positioning: Convertible tablet ultrabook™; one spindle

Processor: Intel® Core™ i5-3427U processor (2 cores, 2.80GHz, 4MB cache), Intel HD Graphics 4000 DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology

Memory: 4GB or 8GB / PC3-10600 1333MHz DDR3 / soldered to systemboard, no SO-DIMM sockets

Optical Drive: None

SATA disk: None

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™

mSATA™ SSD: 24GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot

Widescreen display: 12.5" (317.5mm) HD (1366x768) TFT color, smudgeless and anti-reflective display with Corning® Gorilla® Glass, LED backlight, 350 nits, 16:9 aspect ratio, 500:1 contrast ratio, IPS, rotate and swivel hinge

Bottom buttons: volume up / down and Windows buttons

Side buttons: power and auto rotation buttons

Multi-touch: Projected Capacitive Touch (PCT) technology, supports 5-point multi-touch

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

Graphics: Intel HD Graphics 4000 in processor, supports external digital monitor via Mini HDMI and Mini DisplayPort; supports dual independent display;

Maximum external resolution: 2560x1600 (Mini DisplayPort) @60Hz; 1920x1200 (Mini DisplayPort) @60Hz

Keyboard: 6-row, 83-key, spill-resistant, multimedia Fn keys

TrackPoint®: TrackPoint pointing device

Touchpad: UltraNav™, buttonless touchpad below keyboard, Tap Zones, multi-touch

Light sensor: Ambient light sensor

ThinkLight™: None

Dimensions: 12.32" x 8.99" x 0.79"; 313mm x 236mm x 20mm

Weight: 3.50 lb (1.60kg)

Case material: Display cover: Magnesium + Polyphenylene sulfide (PPS); Bottom: Magnesium + PPS

Battery - type: Integrated Li-Polymer 8-cell, HW Authentication

Battery - life: 8-cell (42.4Whr): up to 6.0 hr

Chipset: Mobile Intel HM77 Express Chipset

Multicard Reader: 4-in-1 reader (SD, SDHC, SDXC, MMC)

ExpressCard: None

Smart Card Reader: None

Ports: Two USB 3.0, external monitor (mini-HDMI, mini-DisplayPort), ethernet (RJ-45)

PCIe Mini Card: Two PCI Express Mini Card slots

Some: 11a/b/g/n, PCIe Half Mini Card, ThinkPad 11a/b/g/n, Wi-Fi + Bluetooth combo adapter, 2x2

Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2

PCIe WWAN: None

SIM card: None

Modern: None

Bluetooth™: Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card

Ethernet: Gigabit Network Connection Realtek® RTL8111F,PHY, PCIe x1

Intel AMT: None

Audio support: High Definition (HD) Audio, Realtek ALC3202 codec / stereo speakers, 2 watt x 2, Dolby® Home Theater® v4 certified / volume up, down, mute buttons / dual array microphone, combo audio/mic jack

Security: Power-on password, hard disk password, supervisor password, security keyhole

Security chip: Trusted Platform Module, TCG 1.2-compliant

Limited warranty: 1-year - depot repair service / service upgrades available

For Lenovo® service upgrade options, please go to S-EDGE sheet

Preloaded operating system: Windows 8 Pro 64-bit

Preloaded applications: Only some listed

- Lenovo Support
- Lenovo Companion
- Lenovo Cloud Storage
- Password Manager
- Fingerprint Software (fingerprint models)
- ThinkVantage System Update
- Norton® Internet Security
- Microsoft Office preloaded;
- purchase a product key to activate
- Skype®

See footnotes for more detailed information

US model(s) announced June 4, 2013

© Lenovo

(TANR1-4) July 2013
### ThinkPad Twist S230u (3347) - TopSeller (Ultrabook)

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- **Small and medium business (SMB) model(s), part of the US TopSeller™ Program**
- **A depot repair service 1-year limited warranty**

**Positioning**
- Convertible tablet ultrabook™: one spindle

**Processor**
- Intel® Core™ i3-3217U processor (2 cores, 1.80GHz, 3MB Cache), Intel HD Graphics 4000,
  - DDR3 memory controller (up to 1600MHz), HT technology
- Intel Core i5-3317U processor (2 cores, 1.70GHz, 3MB Cache), Intel HD Graphics 4000,
  - DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.60GHz), HT technology
- Intel Core i7-3517U processor (2 cores, 1.90GHz, 4MB Cache), Intel HD Graphics 4000,
  - DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology

**Memory**
- 2GB, 4GB or 8GB / SSD 1333MHz DDR3 / soldered to systemboard, no SO-DIMM sockets

**Optical SATA disk**
- None

**mSATA® SSD**
- 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

**Widescreen Display**
- 12.5" (317.5mm) HD (1366x768) TFT color
  - smudgeless and anti-reflective display with Corning® Gorilla® Glass,
  - LED backlight, 350 nits, 16:9 aspect ratio, 500:1 contrast ratio, IPS, rotate and swivel hinge

**Multi-touch Camera**
- Projected Capacitive Touch (PCT) technology, supports 5-point multi-touch
- HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

**Graphics**
- Intel HD Graphics 4000 in processor,
  - supports external digital monitor via Mini HDMI and Mini DisplayPort;
  - supports dual independent display;
  - Maximum external resolution: 2560x1600 (Mini DisplayPort) @60Hz;
  - 1920x1080 (Mini HDMI) @60Hz

**Keyboard**
- 6-row, 83-key, spill-resistant, multimedia Fn keys

**TrackPoint®**
- TrackPoint pointing device

**Touchpad**
- UltraNav™, buttonless touchpad below keyboard, Tap Zones, multi-touch

**Light sensor**
- Ambient light sensor

**ThinkLight™**
- None

**Dimensions**
- 8-cell: 12.32" x 9.29" x 0.79"; 313mm x 236mm x 20mm

**Weight**
- 8-cell: from 3.50 lb (1.60kg)

**Case material**
- Display cover: Magnesium + Polyphenylene sulfide (PPS);
  - Bottom: Magnesium + PPS

**Battery - type**
- Integrated Li-Polymer 8-cell, HW Authentication

**Extended Battery**
- None

**Battery - life**
- 8-cell (42.4Whr): up to 6.0 hr

**Chipset**
- Mobile Intel HM77 Express Chipset

**Multicard Reader**
- 4-in-1 reader (SD, SDHC, SDXC, MMC)

**ExpressCard**
- None

**Smart Card Reader**
- None

**Ports**
- Two USB 3.0, external monitor (mini-HDMI, mini-DisplayPort), ethernet (RJ-45)

**PCle Mini Card**
- 2 PCi Express Mini Card slots

**PCiLe WLAN**
- 11a/b/g/n, PCiLe Half Mini Card, ThinkPad 11a/b/g/n, Wi-Fi + Bluetooth combo adapter, 2x2

**PCiLe WWAN**
- None

**SIM card**
- None

**Modern**
- None

**Bluetooth™**
- Bluetooth 4.0 wireless, integrated in WLAN PCiLe Half Mini Card

**Ethernet**
- Gigabit Network Connection Realtek® RTL8111F, PHY, PCiLe x1

**Intel AMT**
- None

**Audio support**
- High Definition (HD) Audio, Realtek ALC3202 codec /
  - stereo speakers, 2 watt x 2, Dolby® Home Theater® v4 certified /
  - volume up, down, mute buttons / dual array microphone, combo audio/mic jack

**Security chip**
- Power-on password, hard disk password, supervisor password, security keyhole

**Fingerprint reader**
- None

**Limited warranty**
- 1-year - depot repair service / service upgrades available

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See footnotes for more detailed information

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US model(s) announced October 23, 2012

(TANR1-1) October 2012
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<th>Camera</th>
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<td>BT</td>
<td>8</td>
<td>Win8 Pro64</td>
<td>02/13</td>
<td></td>
</tr>
</tbody>
</table>

Positioning
- Convertible tablet ultrabook: one spindle
- Intel Core™ i3-3227U processor (2 cores, 1.90GHz, 3MB Cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology
- Intel Core i5-3337U processor (2 cores, 1.80GHz, 3MB Cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.70GHz), HT technology
- Intel Core i7-3537U processor (2 cores, 2.00GHz, 4MB Cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology

Memory
- 4GB or 8GB / PC3-10600 1333MHz DDR3 / soldered to systemboard, no SO-DIMM sockets
- Optical drive
- SATA disk: None
- mSATA SSD: None

Widescreen display
- 12.5" (317.5mm) HD (1366x768) TFT color
- smudgeless and anti-reflective display with Corning® Gorilla® Glass, LED backlight, 350 nits, 16:9 aspect ratio, 500:1 contrast ratio, IPS, rotate and swivel hinge
- Bottom buttons: volume up / down and Windows buttons
- Side buttons: power and auto rotation buttons
- Multi-touch: Projected Capacitive Touch (PCT) technology, supports 5-point multi-touch
- Camera: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

Graphics
- Intel HD Graphics 4000 processor, supports external digital monitor via Mini HDMI and Mini DisplayPort; supports dual independent display
- Maximum external resolution: 2560x1600 (Mini DisplayPort) @60Hz; 1920x1200 (Mini HDMI) @60Hz

Keyboard
- 6-row, 83-key, spill-resistant, multimedia Fn keys
- TrackPoint®: TrackPoint pointing device
- Touchpad
- Light sensor: Ambient light sensor
- ThinkLight™: None

Dimensions
- 8-cell: 12.32" x 9.29" x 0.79"; 313mm x 236mm x 20mm

Weight
- 8-cell: from 3.50 lb (1.60kg)

Case material
- Display cover: Magnesium Polyphenylene sulfide (PPS); Bottom: Magnesium + PPS

Battery - type
- Integrated Li-Polymer 8-cell, HW Authentication

Battery - life
- 8-cell (42.4Whr): up to 6.0 hr

Chipset
- Mobile Intel HM77 Express Chipset

Multicard Reader
- 4-in-1 reader (SD, SDHC, SDXC, MMC)

ExpressCard
- None

Smart Card Read
- None

Ports
- Two USB 3.0, external monitor (mini-HDMI, mini-DisplayPort), ethernet (RJ-45)

PCIe Mini Card
- None

PCIe WLAN
- Two PCI Express Mini Card slots
- Some: 11a/b/g/n, PCIe Half Mini Card, ThinkPad 11a/b/g/n, Wi-Fi + Bluetooth combo adapter, 2x2
- Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2

PCIe WWAN
- None

SIM card
- None

Modem
- None

Bluetooth™
- Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card

Ethernet
- Gigabit Network Connection Realtek® RTL8111F, PHY, PCIe x1

Intel AMT
- None

Audio support
- High Definition (HD) Audio, Realtek ALC3202 codec / stereo speakers, 2 watt x 2, Dolby® Home Theater v4 certified / volume up, down, mute buttons / dual array microphone, combo audio/mic jack

Security
- Power-on password, hard disk password, supervisor password, security keyhole

Fingerprint reader
- None

Limited warranty 1-year - depot repair service / service upgrades available

Preloaded operating system
- Some: Windows 8 64-bit
- Some: Windows 8 Pro 64-bit

Preloaded applications (only some listed)
- Lenovo Support
- Lenovo Companion
- Lenovo Cloud Storage
- Password Manager
- Fingerprint Software (fingerprint models)
- ThinkVantage System Update
- Norton™ Internet Security (30 days of virus definitions)
- Microsoft Office preloaded; purchase a product key to activate
- Skype™

See footnotes for more detailed information
© Lenovo
US model(s) announced February 5, February 19, or July 16, 2013
(TANR1-3) August 2013
<table>
<thead>
<tr>
<th>Type-model</th>
<th>Processor</th>
<th>Memory</th>
<th>Widescreen display</th>
<th>Camera</th>
<th>Disk SATA GB</th>
<th>rpm</th>
<th>PCIe Mini Card WLAN</th>
<th>PCIe Mini Card WWAN/mSATA</th>
<th>SIM card</th>
<th>Top color</th>
<th>Bluetooth cells</th>
<th>Battery Preload</th>
<th>Ann date (mm/yyyy)</th>
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<td>3347-2PU</td>
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</table>

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- A depot repair service 1-year limited warranty

**Widescreen display**
- 12.5" (317.5mm) HD (1366x768) TFT color.
- Smudgeless and anti-reflective display with Corning® Gorilla® Glass.
- LED backlight, 350 nits, 16:9 aspect ratio, 500:1 contrast ratio, IPS.
- **rotate and swivel hinge**
  - Bottom buttons: volume up / down and Windows buttons
  - Side buttons: power and auto rotation buttons
- Multi-touch Camera HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

**Graphics**
- Intel HD Graphics 3000 in processor.
- Supports dual independent display.
- **Maximum external resolution**: 2560x1600 (Mini DisplayPort) @60Hz; 1920x1200 (Mini HDMI) @60Hz

**Keyboard**
- 6-row, 83-key, spill-resistant, multimedia Fn keys

**Preloaded operating system**
- Some: Windows® 8 64-bit
- Some: Windows 8 Pro 64-bit

**Preloaded applications** (only some listed)
- Lenovo Support
- Lenovo Companion
- Lenovo Cloud Storage
- Password Manager
- Lenovo Fingerprint Software
- ThinkVantage System Update
- Norton™ Internet Security
- Windows® 7 available
- Microsoft Office preloaded;
- purchase a product key to activate
- Lenovo® Skype™

**Multicard Reader**
- Mobile Intel HM77 Express Chipset
- 4-in-1 reader (SD, SDHC, SDXC, MMC)

**ExpressCard**
- None

**Smart Card Reader**
- None

**Ports**
- Two USB 3.0, external monitor (mini-HDMI, mini-DisplayPort), ethernet (RJ-45)

**PCIe Mini Card**
- Two PCIe Express Mini Card slots
- 11a/b/g/n, PCIe Half Mini Card, ThinkPad 11a/b/g/n, Wi-Fi + Bluetooth combo adapter, 2x2

**PCIe WWAN**
- None

**Modem**
- None

**Bluetooth**
- Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card

**Ethernet**
- Gigabit Network Connection Realtek® RTL8111F, PHY, PCIe x1

**Intel AMT**
- None

**Audio support**
- High Definition (HD) Audio, Realtek ALC3202 codec / stereo speakers, 2 watt x 2, Dolby® Home Theater® v4 certified / volume up, down, mute buttons / dual array microphone, combo audio/mic jack

**Security**
- Power-on password, hard disk password, supervisor password, security keyhole

**Security chip**
- Trusted Platform Module, TCG 1.2-compliant

**Fingerprint reader**
- None

**Limited warranty**
- 1-year - depot repair service / service upgrades available

See footnotes for more detailed information. © Lenovo
US model(s) announced October 23, 2012; February 19 or May 21, 2013

(TANR1-2) June 2013
### ThinkPad Twist S230u Accessories

#### Memory

None

#### Storage and removable storage

<table>
<thead>
<tr>
<th>Device</th>
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<tbody>
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<td>ThinkPad 16GB mSATA Solid State Cache Drive</td>
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<tr>
<td>USB 2.0 Portable 500GB Hard Disk</td>
<td>45K1690</td>
<td>05/26/09</td>
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<td>USB 3.0 Secure 500GB Hard Drive</td>
<td>0A65619</td>
<td>11/29/11</td>
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<td>USB 3.0 Secure 750GB Hard Drive</td>
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<td>USB 3.0 Secure 1TB Hard Drive</td>
<td>0A65621</td>
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#### ThinkPad Expansion

None

#### Keyboard

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<thead>
<tr>
<th>Keyboard</th>
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<tr>
<td>TrackPoint Cap Collection</td>
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<tr>
<td>Ultrasmall Plus Wireless Keyboard and Mouse</td>
<td>0A34032</td>
<td>04/05/11</td>
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<tr>
<td>USB Numeric Keypad</td>
<td>33L3225</td>
<td>05/01/00</td>
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<td>Preferred Pro USB Keyboard</td>
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<td>06/21/05</td>
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<td>Enhanced Performance USB Keyboard</td>
<td>73P2620</td>
<td>03/23/04</td>
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<td>ThinkPad USB Keyboard with TrackPoint</td>
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<tr>
<td>Lenovo USB Fingerprint Keyboard</td>
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<td>02/22/05</td>
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<tr>
<td>Lenovo USB Smartcard Keyboard</td>
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#### Mouse

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<tr>
<td>ThinkPad Bluetooth Laser Mouse</td>
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<td>Lenovo Optical Mouse (USB)</td>
<td>06P4069</td>
<td>05/21/03</td>
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<tr>
<td>Lenovo Laser Mouse (USB)</td>
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<td>ThinkPad USB Laser Mouse</td>
<td>57Y4635</td>
<td>12/15/09</td>
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<tr>
<td>Lenovo ScrollPoint® Mouse (USB, Optical)</td>
<td>31P7405</td>
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<td>ThinkPad Travel Mouse (USB, Optical)</td>
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<td>Lenovo Wireless Laser Mouse**</td>
<td>0A36188</td>
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**Wireless via 2.4GHz technology using a micro-size USB receiver.

#### Security

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<th>Security</th>
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<tr>
<td>Kensington® MicroSaver® Cable Lock</td>
<td>73P2582</td>
<td>12/29/03</td>
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<tr>
<td>Kensington Twin Head Cable Lock</td>
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<td>09/30/08</td>
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<td>Lenovo Security Cable Lock</td>
<td>57Y4303</td>
<td>08/24/10</td>
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<tr>
<td>USB Gemplus GemPC Smart Card Reader</td>
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#### Multimedia

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<tbody>
<tr>
<td>ThinkPad In-Ear Headphones with mic</td>
<td>57Y4488</td>
<td>01/07/10</td>
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<tr>
<td>Lenovo Mini Speakers M220</td>
<td>55Y2033</td>
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#### Modem

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<tr>
<td>USB 2.0 Lenovo Modem</td>
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#### Power adapters

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<tr>
<td>ThinkPad 65W AC Adapter**</td>
<td>40Y7696</td>
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<tr>
<td>ThinkPad 90W AC Adapter</td>
<td>40Y7659</td>
<td>09/20/05</td>
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**Only compatible with the integrated graphics models.

More information at [www.lenovopowertips.com](http://www.lenovopowertips.com)

#### Carrying Cases

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<tr>
<th>Case</th>
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<tr>
<td>ThinkPad Ultralight Case</td>
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<tr>
<td>Lenovo Performance BackPack</td>
<td>41U5254</td>
<td>05/01/07</td>
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<tr>
<td>ThinkPad Business Topload Case</td>
<td>43R2476</td>
<td>05/13/08</td>
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<tr>
<td>ThinkPad Business Backpack</td>
<td>43R2482</td>
<td>05/13/08</td>
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<tr>
<td>ThinkPad Deluxe Expander Case</td>
<td>43R2478</td>
<td>05/13/08</td>
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<tr>
<td>ThinkPad Executive Leather Case</td>
<td>43R2480</td>
<td>05/13/08</td>
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<tr>
<td>Lenovo Sport Backpack - Red</td>
<td>0A33896</td>
<td>02/28/12</td>
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<tr>
<td>Lenovo Sport Slimcase - Red</td>
<td>0A33897</td>
<td>02/28/12</td>
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<tr>
<td>Lenovo Sport Messenger - Red</td>
<td>0A33898</td>
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More information at [www.lenovo.com/support/cases](http://www.lenovo.com/support/cases)

#### Monitors

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<th>Monitor</th>
<th>Model</th>
<th>Announced</th>
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<tr>
<td>Lenovo LS223s Wide 23” (VGA, DVI-D)**</td>
<td>3024HB1</td>
<td>09/13/11</td>
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<tr>
<td>Lenovo LS2023 Wide 20” (VGA, DVI)</td>
<td>3778HB2</td>
<td>08/02/11</td>
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<tr>
<td>Lenovo LS1922 Wide 18.5” (VGA)</td>
<td>2580AF1</td>
<td>08/02/11</td>
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<tr>
<td>Lenovo LS2222 Wide 21.5” (VGA, DVI)</td>
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<tr>
<td>Lenovo LS2323 Wide 23” (VGA, DVI)</td>
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</table>

**Compatible on selected Lenovo and ThinkVision monitors.

More information at [www.lenovo.com/support/monitors](http://www.lenovo.com/support/monitors)

#### Monitor Accessories**

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<th>Monitor Accessory</th>
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<tr>
<td>Lenovo DisplayPort to VGA Adapter</td>
<td>0A36536</td>
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<tr>
<td>Lenovo DisplayPort to DisplayPort Cable</td>
<td>0B47090</td>
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<tr>
<td>Lenovo DisplayPort to DVI-D Adapter</td>
<td>0B47091</td>
<td>07/24/12</td>
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<td>Lenovo MicroSaver Cable Lock</td>
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**Compatible on selected Lenovo and ThinkVision monitors.

More information at [www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)

For more information on accessories:

[www.lenovo.com/accessories](http://www.lenovo.com/accessories)

[www.lenovo.com/accessoriesguide](http://www.lenovo.com/accessoriesguide)

[www.lenovoquickpick.com](http://www.lenovoquickpick.com)

An Options Compatibility Configurator for Lenovo systems

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