### Processor

<table>
<thead>
<tr>
<th>Processor Number</th>
<th># of Cores</th>
<th>Threads</th>
<th>Base Frequency</th>
<th>Max Turbo Frequency</th>
<th>Cache</th>
<th>Memory Types</th>
<th>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-4000M</td>
<td>2</td>
<td>4</td>
<td>2.4 GHz</td>
<td>-</td>
<td>3MB</td>
<td>DDR3L-1600</td>
<td>Intel HD Graphics 4600</td>
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<tr>
<td>3-4100M</td>
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<td>4</td>
<td>2.5 GHz</td>
<td>-</td>
<td>3MB</td>
<td>DDR3L-1600</td>
<td>Intel HD Graphics 4600</td>
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<td>-</td>
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<td>5-210M</td>
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<td>4</td>
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<td>3.1 GHz</td>
<td>3MB</td>
<td>DDR3L-1600</td>
<td>Intel HD Graphics 4600</td>
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<tr>
<td>5-4300M</td>
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<td>2.6 GHz</td>
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<tr>
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<td>DDR3L-1600</td>
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<td>3.6 GHz</td>
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<tr>
<td>7-4700MQ</td>
<td>4</td>
<td>8</td>
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<td>3.4 GHz</td>
<td>6MB</td>
<td>DDR3L-1600</td>
<td>Intel HD Graphics 4600</td>
</tr>
</tbody>
</table>

### Memory

- 16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
- Optional: M.2 SSD
- Optional: 4-in-1 reader (MMC, SD, SDHC, SDXC)

### Optical Ultrabay

- DVD burner, 9.5mm Ultrabay slim, removable
- One modular bay for removable devices (right side, cold swap), 9.5mm high, bottom access

### Storage

- Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high
- Some: Hard Disk Drive (HDD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
- All: removable, upgradeable, supports the second disk, Shock Mounted
- Optional: M.2 Solid State Drive (SSD), via M.2 card slot, exclusive with WWAN card

### M.2 SSD

- Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio
- Some: 14.0" (355mm) HD+ (1600x900), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio
- Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS

### Camera (optional)

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

### Graphics

- Intel HD Graphics 4600 in processor only, or Intel HD Graphics 4600 in processor and NVIDIA GeForce® GT 730M, 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 resolution: 1920x1200@60Hz (VGA); 3840x2160@60Hz (DP via mDP cable)

### 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

### Dimensions²

<table>
<thead>
<tr>
<th>Weight²</th>
<th>14.0W (Wx Dx H): 13.2&quot; x 9.02&quot; x 1.10-1.18&quot;; 335mm x 229.1mm x 27.9-29.95mm</th>
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</thead>
<tbody>
<tr>
<td>Models</td>
<td>8-cell</td>
</tr>
<tr>
<td></td>
<td>9-cell</td>
</tr>
<tr>
<td>Integrated</td>
<td>4.70 lb / 2.14kg</td>
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<tr>
<td></td>
<td>4.92 lb / 2.23kg</td>
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<tr>
<td>Optimus</td>
<td>4.77 lb / 2.16kg</td>
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<tr>
<td></td>
<td>5.10 lb / 2.31kg</td>
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</table>

### Case material

- Display cover: Glass-Fiber Reinforced Plastic
- Bottom: Carbon-Fiber Reinforced Plastic

### Battery type

- Li-Ion 6-cell (36Whr) or 9-cell (99.9Wh), HW Authentication

### Max battery life³

<table>
<thead>
<tr>
<th>Models</th>
<th>6-cell</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9-cell</td>
</tr>
<tr>
<td>Integrated</td>
<td>7.4 hr</td>
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<td></td>
<td>13.2 hr</td>
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<tr>
<td>Optimus</td>
<td>7.2 hr</td>
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<td>12.7 hr</td>
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### AC adapter

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<th>dual-core</th>
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<tr>
<td>Optimus</td>
<td>90-watt</td>
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<tr>
<td></td>
<td>135-watt</td>
</tr>
</tbody>
</table>

### Audio support

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

### Chipset

- Mobile Intel G87 Express Chipset

### Smart card reader

- Optional: Smart card reader

### Media reader

- Ports: Two USB 3.0, two USB 2.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector

### WLAN⁴

- 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

### WWAN⁵

- One of the following, configurable by model (mutually exclusive with M.2 SSD):
  - Wireless WAN upgradeable
  - Wireless WAN, Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/ HSPA+/EVDO/GSM/GPRS/EDGE, GPS, M.2 card (US models)
  - Wireless WAN, Ericsson® NS521, 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

### Bluetooth⁶

- Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

### Ethernet

- Intel Ethernet Connection I217-LM (Clarkville)

### NFC

- Optional: Near Field Communication

### Security

- Security chip
  - vPro (optional)
  - Power-on password, hard disk password, supervisor password, security keyhole
  - Trusted Platform Module, TCG 1.2-compliant
  - Intel vPro Technology

### Fingerprint reader

- Optional: Fingerprint reader on the keyboard bezel, swipe sensor

### Limited warranty⁷

- 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
  - 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 or Windows 10 Pro 64
  - Lenovo Solution Center
  - ThinkVantage Product Recovery
  - Rescue and Recovery™
  - Microsoft Offi ce preloaded; purchase a product key to activate
  - Norton Internet Security (30 days of virus definitions, Win8 i5/i7 and Win10 model)
  - Cyberlink PowerDVD (DVD±RW)
  - Cyberlink Power2Go (DVD±RW)
  - Cyberlink PowerProducer (DVD±RW)

### Case material

- Integrated 65-watt
- Integrated 90-watt
- Integrated 135-watt

### Battery life

- Integrated 6-cell
- Integrated 9-cell

### Dimensions

- 335mm x 229.1mm x 27.9-29.95mm

### Weight

- 13.2" x 9.02" x 1.10-1.18"; 335mm x 229.1mm x 27.9-29.95mm

### AC adapter

- Windows® 7 Professional 64-bit included
- Windows® 8.1 Pro 64-bit
- Windows® 10 Pro 64
- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo REACHit
- Lenovo Companion
- Microsoft Offi ce preloaded
- Norton Internet Security (30 days of virus definitions, Win8 i5/i7 and Win10 model)
- McAfee® LiveSafe (30-day trial, Win8 i5/i7 and Win10 model)
- Some: Windows 8 / 8.1 64-bit
- Some: Windows 8 / 8.1 64-bit
- Some: Windows 10 Pro 64
- Lenovo Solution Center
- Lenovo SHAREit
- Lenovo REACHit
- Lenovo Companion
- Microsoft Offi ce preloaded
- Norton Internet Security (30 days of virus definitions, Win8 i5/i7 and Win10 model)
- McAfee® LiveSafe (30-day trial, Win8 i5/i7 and Win10 model)

### Specifications

- EPEAT® Gold
- ENERGY STAR® 6.0
- GREENGUARD®; RoHS-compliant
ThinkPad T440p 20AN (TopSeller)

Product Specifications Reference (PSREF)

- For detailed platform specifications, please see ThinkPad T440p Platform Specifications sheet

---

### Processor

<table>
<thead>
<tr>
<th>Processor</th>
<th>4th Generation Intel® Core™ i3 / i5 / i7 Processor</th>
</tr>
</thead>
<tbody>
<tr>
<td>i3-4000M</td>
<td>2.4 GHz</td>
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<tr>
<td>i3-4100M</td>
<td>2.5 GHz</td>
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<td>i3-4200M</td>
<td>2.6 GHz</td>
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<tr>
<td>i3-4210M</td>
<td>2.6 GHz</td>
</tr>
<tr>
<td>i3-4300M</td>
<td>2.8 GHz</td>
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<td>i3-4310M</td>
<td>2.4 GHz</td>
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<tr>
<td>i3-4320M</td>
<td>2.5 GHz</td>
</tr>
<tr>
<td>i7-4600M</td>
<td>2.9 GHz</td>
</tr>
<tr>
<td>i5-4200M</td>
<td>2.5 GHz, 3.1 GHz</td>
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<tr>
<td>i5-4210M</td>
<td>2.6 GHz, 3.2 GHz</td>
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<tr>
<td>i7-4700MQ</td>
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<tr>
<td>i5-4300M</td>
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<tr>
<td>i5-4310M</td>
<td>2.8 GHz</td>
</tr>
<tr>
<td>i7-4900MQ</td>
<td>2.8 GHz</td>
</tr>
</tbody>
</table>

- **Battery type**
  - Li-ion 6-cell (56Wh) or 9-cell (99.9Wh), HW Authentication

- **Max battery life**
  - Intel® vPro Technology

- **AC adapter**
  - Dell 65W, 90W, 135W

- **Keyboard**
  - UltraNav™
  - TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch

- **WLAN**
  - 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

- **Optical drive**
  - Some: DVD burner, 9.5mm Ultrabay slim, removable

- **Audio support**
  - Intel HD Audio

- **Graphics**
  - Intel HD Graphics 4600

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

- **Power adapter**
  - Intel vPro Technology

- **Preload**
  - Windows 8 / 8.1 / 10 DG Win7: 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit or Windows 10 Pro 64

- **Limited warranty**
  - 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

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### ThinkPad T440p 20AN (TopSeller) - Windows 10

**Product Specifications Reference (PSREF)**

**Model**  
20AN00F3US

**Processor**  
i5-4210M

**Memory**  
4GBx1

**Display**  
14' HD

**Storage**  
500G 7200

**WLAN & Bluetooth**  
7260 b/g/n+BT

**WWAN / M.2 SSD**  
Ugp None

**SIM card reader**  
None

**Camera**  
720p None

**Backlit keyboard**  
None

**Fingerprint reader**  
None

**NFC**  
None

**Battery cells**  
6

**Power adapter (watt)**  
65W

**Preload**  
Win10 P64

**Base warranty (year)**  
1-depot

**Global (m/y)**  
No 09/15

---

#### Processor

<table>
<thead>
<tr>
<th>Model</th>
<th>Processor vPro</th>
<th>Graphics</th>
<th>Memory</th>
<th>Display</th>
<th>Storage</th>
<th>WLAN &amp; Bluetooth</th>
<th>WWAN / M.2 SSD</th>
<th>SIM card reader</th>
<th>Camera</th>
<th>Backlit keyboard</th>
<th>Fingerprint reader</th>
<th>NFC</th>
<th>Battery cells</th>
<th>Power adapter (watt)</th>
<th>Preload</th>
<th>Base warranty (year)</th>
<th>Global (m/y)</th>
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</thead>
<tbody>
<tr>
<td>20AN00F3US</td>
<td>i5-4210M</td>
<td>No</td>
<td>HD 4600 4GBx1 14' HD</td>
<td>500G 7200</td>
<td>7260 b/g/n+BT</td>
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<td>6</td>
<td>65W</td>
<td>Win10 P64</td>
<td>1-depot</td>
<td>No</td>
<td>09/15</td>
<td></td>
</tr>
</tbody>
</table>

---

#### Memory

- 16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets

---

#### Optical

- DVD burner, 9.5mm Ultrabay slim, removable
- One modular bay for removable devices (right side, cold swap), 9.5mm high

#### Ultrabay Storage

- Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
- Some: HHD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, APS
- M.2 SSD: M.2 Solid State Drive (SSD), via M.2 slot, exclusive with WWAN card

#### Widescreen display

- Some: 14.0" (355mm) HD (1366x768), 200 nits, 300:1 contrast ratio
- Some: 14.0" (355mm) HD+ (1600x900), 250 nits, 400:1 or 500:1 contrast ratio
- Some: 14.0" (355mm) FHD (1920x1080), 300 nits, 700:1 contrast ratio, IPS

#### Camera (optional)

- HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus
- UltraNav™ pointing device and Mylar surface touchpad, integrated five buttons, multi-touch

#### Graphics

- Intel HD Graphics 4600 in processor, or Intel Graphics Graphics 4600 and NVIDIA GeForce GT 730M, 1GB memory (Optimus)

#### Dimensions3

- 14.0"W (WxDxH): 335mm x 229.1mm x 27.9-29.95mm

#### Weight2

- 15.6" (WxDxH): 335mm x 229.1mm x 27.9-29.95mm

#### Case material

- Top cover: Glass-Fiber Reinforced Plastic; Bottom: Carbon-Fiber Reinforced Plastic

#### Audio support

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

---

#### Battery type

- 10-cell (56Wh) or 9-cell (99.9Wh), HW Authentication

#### AC adapter

- 65-watt, 90-watt, or 135-watt AC adapter

#### Keyboard

- 6-row, spill-resistant, multimedia Fn keys, optional LED backlight

#### Chipset

- Mobile Intel QM87 Express Chipset

#### Ethernet

- Intel Ethernet Connection I217-LM (Clarkville)

#### Security

- Power-on password, hard disk password, supervisor password, security keyhole
- Security chip (optional): Intel vPro Technology

#### Preload

- Windows 8 / 8.1 / 10 DG Win7: Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit or Windows 10 Pro 64
- Win8 / 8.1 64-bit: Windows 8 / 8.1 64-bit
- Win8 / 8.1 P64: Windows 8 / 8.1 Pro 64-bit
- Win10 P64: Windows 10 Pro 64

---

#### Warranty

- 1-year - depot / 3-years (1-year battery) - depot / 3-years (1-year battery) onsite
## ThinkPad T440p (Optimus) - TopSeller

### Processor

<table>
<thead>
<tr>
<th>Model</th>
<th>Processor vPro</th>
<th>Graphics</th>
<th>Memory Display</th>
<th>Storage</th>
<th>WLAN &amp; Bluetooth</th>
<th>WWAN / M.2 card</th>
<th>SIM card</th>
<th>Backlit keyboard</th>
<th>Finger-print reader</th>
<th>Battery type</th>
<th>Power adapter (watt)</th>
<th>Base warranty (year)</th>
<th>Global warranty</th>
<th>Ann date (m/y)</th>
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<tbody>
<tr>
<td>20AN00DBUS</td>
<td>i7-4600M vPro</td>
<td>GT 730M 8GBx1</td>
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<td>i7-4600M vPro</td>
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<tr>
<td>20AN006LUS</td>
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<td>GT 730M 4GBx1</td>
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### Processor

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<td>3.8 GHz</td>
<td>6MB</td>
</tr>
</tbody>
</table>

### Memory

| Memory | 16GB max | PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets |

### Optical Ultrabay Storage

- One modular bay for removable devices (right side, cold swap), 9.5mm high
- Some: SSD / SATA 6.0 Gb/s, 2.5" wide, 7mm high
- Some: SDA / SATA 6.0 Gb/s, 2.5" wide, 7mm or 9.5mm high, APS
- Some: M.2 Solid State Drive (SSD), via M.2 card slot, exclusive with WWAN card

### Widescreen display

- Some: 14.0” (355mm) HD (1366x768), 200 nits, 30:1 contrast ratio
- Some: 14.0” (355mm) HD+ (1600x900), 250 nits, 400:1 or 500:1 contrast ratio
- Some: 14.0” (355mm) FHD (1920x1080), 300 nits, 700:1 contrast ratio, IPS

### Camera (optional)

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

### Graphics

- Optional: Intel HD Graphics 4600 in processor, or Intel HD Graphics 4600 and NVIDIA GeForce GT 730M, 1GB memory (Optimus)

### Dimensions

- 14.0W” (WxDxH): 13.2" x 9.02" x 1.10-1.18", 335mm x 229.1mm x 27.9-29.95mm

### Weight

- 4.77 lb / 2.16kg 5.10 lb / 2.31kg

### Case material

- Top cover: Glass-Fiber Reinforced Plastic; Bottom: Carbon-Fiber Reinforced Plastic

### Audio support

- HD Audio, Realtek® ALC2322 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack

### Battery type

- Li-Ion 6-cell (56Wh) or 9-cell (99.9Wh), HW Authentication

### AC adapter

- 65-watt, 90-watt, or 135-watt AC adapter

### Keyboard

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

### Chipset

- Mobile Intel QM87 Express Chipset

### Media reader

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

### Ports

- Two USB 3.0, two USB 2.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector

### WWAN

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

### Security

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

### Security chip

- Trusted Platform Module, TCG 1.2-compliant

### Fingerprint reader

- Optional: Fingerprint reader on the keyboard bezel, swipe sensor

### Preload

- Win8 / 8.1 / 10 DG Win7: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit or Windows 10 Pro 64
- Win8 / 8.1 64: Windows 8 / 8.1 64-bit
- Win8 / 8.1 P64: Windows 8 / 8.1 Pro 64-bit
- Win10 P64: Windows 10 Pro 64-bit

### Limited warranty

- 1-year - depot / 3-years (1-yr battery) - depot / 3-years (1-year battery) onsite
ThinkPad T440p 20AN (Optimus) - TopSeller (Windows 10)

Product Specifications Reference (PSREF)

For detailed platform specifications, please see ThinkPad T440p Platform Specifications sheet

**Model** | **Processor** | **vPro** | **Graphics** | **Memory** | **Display** | **Storage** | **WLAN & Bluetooth** | **WWAN / M.2 SSD** | **SIM card** | **Smart card reader** | **Camera** | **Backlit keyboard** | **Fingerprint reader** | **Fingerprint reader** | **Battery** | **Power adapter** | **Preload** | **Base warranty (year)** | **Global warranty (m/y)** | **Ann date**
20AN00F2US | i7-4600M | vPro | GT 730M | 8GBx1 | 14" HD+ | 240G SSD Opal | 7260ac+BT | Upg | None | None | 720p | Backlit | Finger | None | 9 | 90W | Win10 P64 | 3-depot | No | 09/15
20AN00F4US | i5-4300M | vPro | GT 730M | 4GBx1 | 14" HD+ | 500G 7200 | 7260ac+BT | Upg | None | None | 720p | Backlit | Finger | None | 9 | 90W | Win10 P64 | 3-depot | No | 09/15

- For detailed platform specifications, please see ThinkPad T440p Platform Specifications sheet

**Processor**

<table>
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**Battery type**

- Li-ion 6-cell (56Wh) or 9-cell (99.9Wh), HW Authentication

**Security**

- Power-on password, hard disk password, supervisor password, security keyhole
- Security chip (vPro (optional))
- Intel vPro Technology
- Fingerpint reader (optional)
- Fingerpint reader on the keyboard bezel, swipe sensor

**WLAN & WWAN / SIM card**

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

**Chipset**

- Mobile Intel QM87 Express Chipset
- Mobile Intel QM87 Express Chipset
- Intel Ethernet Connection I217-LM (Clarkville)
- Optional: Near Field Communication

**Graphics**

- Intel HD Graphics 4600 in processor, or
- Intel HD Graphics 4600 and NVIDIA GeForce GT 730M, 1GB memory (Optimus)

**Dimensions**

- 14.0"W [WxDxH]: 13.2" x 9.02" x 1.10-1.18"; 335mm x 229.1mm x 27.9-29.95mm

**Weight**

- 4.70 lb / 2.14kg
- 4.92 lb / 2.23kg
- 4.77 lb / 2.16kg
- 5.10 lb / 2.31kg

**Case material**

- Top cover: Glass-Fiber Reinforced Plastic; Bottom: Carbon-Fiber Reinforced Plastic

**Audio support**

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

See footnotes for more detailed information (OA1-12) © Lenovo
## ThinkPad T440p 20AW

### Product Specifications Reference (PSREF)

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<thead>
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<th>Model</th>
<th>Processor</th>
<th>vPro</th>
<th>Graphics</th>
<th>Memory</th>
<th>Display</th>
<th>Storage</th>
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<th>WWAN / M.2 SSD</th>
<th>SIM card</th>
<th>Smart card reader</th>
<th>Camera</th>
<th>Backlight keyboard</th>
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### Processor

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<th>4th Generation Intel® Core™ i3 / i5 / i7 Processor</th>
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### Optical

DVD burner, 9.5mm Ultrabay slim, removable

### Ultrabay Storage

One modular bay for removable devices (right side, cold swap), 9.5mm high

### M.2 SSD

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: M.2 Solid State Drive (SSD), via M.2 card slot, exclusive with WWAN card

### Widescreen display

Some: 14.0" (355mm) HD (1366x768), 200 nits, 300:1 contrast ratio

Some: 14.0" (355mm) HD+ (1600x900), 250 nits, 400:1 or 500:1 contrast ratio

Some: 14.0" (355mm) FHD (1920x1080), 300 nits, 700:1 contrast ratio, IPS

### Graphics

Intel HD Graphics 4600 in processor, or Intel HD Graphics 4600 and NVIDIA GeForce® GT 730M, 1GB memory (Optimus)

### Dimensions³ Weight²

14.0W" (WxDxH): 13.2" x 9.02" x 0.8"; 335mm x 229.1mm x 27.9-29.95mm

### Case material

Top cover: Glass-Fiber Reinforced Plastic; Bottom: Carbon-Fiber Reinforced Plastic

---

### Audio support

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

---

### Battery type

Li-Ion 6-cell (56Wh) or 9-cell (99.9Wh), HW Authentication

---

See footnotes for more detailed information

© Lenovo

See footnotes for more detailed information

(OA1-3) © Lenovo
### ThinkPad T440p 20AW (Windows 8)

#### Product Specifications Reference (PSREF)

- **WLAN & Bluetooth**
  - 7260 b/g/n+BT

- **WWAN / SIM card**
  - 7260 a/b/g/n+BT
  - 7260 ac+BT

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

- **M.2 SSD**
  - Via M.2 card slot, exclusive with WWAN card

- **Battery type**
  - Li-Ion 6-cell (56Wh), 9-cell (99.9Wh), HW Authentication

- **Display**
  - 14.0" (355mm) FHD (1920x1080), 300 nits, 700:1 contrast ratio, IPS

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

- **Graphics**
  - Intel HD Graphics 4600 in processor, or Intel HD Graphics 4600 and NVIDIA GeForce® GT 730M, 1GB memory (Optimus)

- **Optical Ultrabay Storage**
  - DVD burner, 9.5mm Ultrabay slim, removable
  - One modular bay for removable devices (right side, cold swap), 9.5mm high

- **M.2 SSD**
  - Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
  - Some: M.2 Solid State Drive (SSD), via M.2 slot card, exclusive with WWAN card

- **Widescreen display**
  - Some: 14.0" (355mm) HD (1366x768), 200 nits, 300:1 contrast ratio
  - Some: 14.0" (355mm) HD+ (1600x900), 250 nits, 500:1 contrast ratio

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

- **Graphics**
  - Intel HD Graphics 4600 in processor, or Intel HD Graphics 4600 and NVIDIA GeForce® GT 730M, 1GB memory (Optimus)

- **Dimensions**
  - 14.0W (WxDxH): 13.2" x 9.02" x 1.1-1.18"; 335mm x 229.1mm x 27.9-29.95mm

- **Security**
  - Security chip
  - Trusted Platform Module, TCG 1.2-compliant
  - Intel vPro Technology

- **Fingerprint reader**
  - Optional: Fingerprint reader on the keyboard bezel, swipe sensor

- **Win8 / 8.1 / 10 DG**
  - Win8 / 8.1 / 10 DG: Windows 8 or 8.1 Pro 64-bit or Windows 10 Pro 64

- **Base warranty (year) Global**
  - 3-years

---

### Processor Specifications

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### Memory Specifications

| Memory | 16GB max / PC3-12800 1600MHz DDR3L-1600, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets |

### Optical Ultrabay Storage

- DVD burner, 9.5mm Ultrabay slim, removable
- One modular bay for removable devices (right side, cold swap), 9.5mm high

### M.2 SSD

- Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
- Some: M.2 Solid State Drive (SSD), via M.2 slot card, exclusive with WWAN card

---

For detailed platform specifications, please see ThinkPad T440p Platform Specifications sheet.
### Model Specifications Reference (PSREF)

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<th>Model</th>
<th>Processor</th>
<th>vPro</th>
<th>Graphics</th>
<th>Memory</th>
<th>Display</th>
<th>Storage</th>
<th>WLAN &amp; Bluetooth</th>
<th>WWAN / M.2 SSD</th>
<th>SIM card</th>
<th>Smart card reader</th>
<th>Camera</th>
<th>Backlight</th>
<th>Keyboard</th>
<th>Finger-</th>
<th>Print</th>
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<th>Adapter</th>
<th>Battery</th>
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<th>Preload</th>
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### Processor

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### Memory

- 16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets

### Optical Ultrabay

- DVD burner, 9.5mm Ultrabay slim, removable

### Storage

- One modular bay for removable devices (right side, cold swap), 9.5mm high
- Some: SSD / SATA 6.0Gb/s, 2.5” wide, 7mm high
- Some: SSD / SATA 6.0Gb/s, 2.5” wide, 9.5mm high, APS
- Some: M.2 Solid State Drive (SSD), via M.2 slot, exclusive with WWAN card

### Widescreen display

- Some: 14.0” (355mm) HD (1366x768), 200 nits, 300:1 contrast ratio
- Some: 14.0” (355mm) HD+ (1600x900), 250 nits, 400:1 or 500:1 contrast ratio
- Some: 14.0” (355mm) FHD (1920x1080), 300 nits, 700:1 contrast ratio, IPS
- Camera (optional)/HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

### Graphics

- Intel HD Graphics 4600 in processor, or Intel HD Graphics 4600 and NVIDIA GeForce® GT 730M, 1GB memory (Optimus)

### Dimensions³

- 14.0W” (WxDxH): 13.2” x 9.02” x 1.10-1.18”; 335mm x 229.1mm x 27.9-29.95mm

### Weight³

- Models 6-cell | 9-cell
- Integrated 4.70 lb / 2.14kg | 4.92 lb / 2.23kg
- Optimus 4.77 lb / 2.16kg | 5.10 lb / 2.31kg

### Case material

- Top cover: Glass-Fiber Reinforced Plastic; Bottom: Carbon-Fiber Reinforced Plastic

### Audio support

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

### Battery type

- Li-Ion 6-cell (56Wh) or 9-cell (99.9Wh), HW Authentication

### Processor

- Models 6-cell | 9-cell
- Optimus 7.4 hr | 13.2 hr

### AC adapter

- 65-watt, 90-watt, or 135-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

### Chipset

- Mobile Intel QM87 Express Chipset

### Media reader

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

### Ports

- Two USB 3.0, two USB 2.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector

### Wireless WAN (optional)

- Upg: Wireless WAN upgradeable

### SIM card (optional)

- Lenovo: Lenovo SIM, out-of-box service, pay-as-you-go, no contract required

### Bluetooth™

- Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

### Security

- Security chip: Intel vPro Technology

### Security chip

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

### Security

- Trusted Platform Module, TCG 1.2-compliant

### Fingerprint reader

- Optional: Fingerprint reader on the keyboard bezel, swipe sensor

### Preload

- Win8 / 8.1 / 10 DG Win7: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit or Windows 10 Pro 64
- Win8 / 8.1 64: Windows 8 / 8.1 64-bit
- Win8 / 8.1 P64: Windows 8 / 8.1 Pro 64-bit
- Win10 P64: Windows 10 Pro 64

### Limited warranty³

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

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*See footnotes for more detailed information (OA1-5) © Lenovo*
ThinkPad T440p 20AW (Optimus) - Windows 8

For detailed platform specifications, please see ThinkPad T440p Platform Specifications sheet

### Processor

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<th>vPro</th>
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<th>Display</th>
<th>Storage</th>
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<th>WWAN / M.2 SSD</th>
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<th>Backlit keyboard</th>
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- Processor: 4th Generation Intel® Core™ i3 / i5 / i7 Processor
- Battery type: Li-Ion 6-cell (56Wh) or 9-cell (99.9Wh), HW Authentication

### Optical

- DVD burner, 9.5mm Ultrabay slim, removable

### Ultrabay Storage

- One modular bay for removable devices (right side, cold swap), 9.5mm high
- 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: M.2 Solid State Drive (SSD), via M.2 card slot, exclusive with WWAN card

### Widescreen display

- Some: 14.0" (355mm) HD (1366x768), 200 nits, 300:1 contrast ratio
- Some: 14.0" (355mm) HD+ (1600x900), 250 nits, 400:1 or 500:1 contrast ratio
- Some: 14.0" (355mm) FHD (1920x1080), 300 nits, 700:1 contrast ratio, IPS

### Camera (optional)

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

### Graphics

- Intel HD Graphics 4600 in processor, or Intel HD Graphics 4600 and NVIDIA GeForce® GT 730M, 1GB memory (Optimus)
- Intel® Haswell Graphics 4600 in processor, or Intel HD Graphics 4600 and NVIDIA GeForce® GT 730M, 1GB memory (Optimus)
- Intel HD Graphics 4600 in processor, or Intel HD Graphics 4600 and NVIDIA GeForce® GT 730M, 1GB memory (Optimus)
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- Intel HD Graphics 4600 in processor, or Intel HD Graphics 4600 and NVIDIA GeForce® GT 730M, 1GB memory (Optimus)

### Dimensions

- 14.0W (WxDxH): 13.2” x 9.02” x 1.10-1.18”, 335mm x 229.1mm x 27.9-29.95mm

### Case material

- Top cover: Glass-Fiber Reinforced Plastic; Bottom: Carbon-Fiber Reinforced Plastic

### Audio support

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

See footnotes for more detailed information

US model(s) withdrawn effective March 2015

(OA1-6) © Lenovo
### ThinkPad T440p 20AW (Onsite)

#### Product Specifications Reference (PSREF)

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### Processor

- **Intel Core i3 / i5 / i7 Processor**
- **4th Generation Intel Core™ i3 / i5 / i7 Processor**
- **Win8 / 8.1 / 10 DG Win7:** Preload

### Memory

- **16GB max** / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets

### Optical Ultrabay Storage

- DVD burner, 9.5mm Ultrabay slim, removable
- One modular bay for removable devices (right side, cold swap), 9.5mm high
- Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high

### M.2 SSD

- Some: M.2 Solid State Drive (SSD), via M.2 card slot, exclusive with WWAN card
- Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, APS

### Widescreen display

- Some: 14.0” (355mm) HD (1366x768), 200 nits, 300:1 contrast ratio
- Some: 14.0” (355mm) HD+ (1600x900), 250 nits, 400:1 or 500:1 contrast ratio
- Some: 14.0” (355mm) FHD (1920x1080), 300 nits, 700:1 contrast ratio, IPS

### Camera (optional)

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

### Graphics

- **Intel HD Graphics 4600** in processor, or
- **Intel HD Graphics 4600 and NVIDIA GeForce GT 730M, 1GB memory (Optimus)**

### Dimensions Weight

- **14.0W (WxDxH): 13.2” x 9.02” x 1.10-1.18”**, 335mm x 229.1mm x 27.9-29.95mm

### Audio support

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

### Battery type

- Li-Ion 6-cell (56Wh) or 9-cell (99.9Wh), HW Authentication

### See footnotes for more detailed information

(OA1-7) © Lenovo
## ThinkPad T440p (Onsite) - Windows 8

### Product Specifications Reference (PSREF)

<table>
<thead>
<tr>
<th>Model</th>
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### For detailed platform specifications, please see ThinkPad T440p Platform Specifications sheet.

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### Memory
- 16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets.

### Optical Ultrabay Storage
- DVD burner, 9.5mm Ultrabay slim, removable
- One modular bay for removable devices (right side, cold swap), 9.5mm high
- 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: M.2 Solid State Drive (SSD), via M.2 card slot, exclusive with WWAN card

### M.2 SSD
- Width: 22x42mm (2242), 22x64mm (2264), 22x80mm (2280)
- Some: 14.0" (355mm) HD (1366x768), 200 nits, 300:1 contrast ratio
- Some: 14.0" (355mm) HD+ (1600x900), 250 nits, 500:1 contrast ratio
- Some: 14.0" (355mm) FHD (1920x1080), 300 nits, 700:1 contrast ratio, IPS

### Camera
- Optional: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus
- Some: 13.2" x 9.02" x 1.10-1.18"; 335mm x 229.1mm x 27.9-29.95mm
- Some: 13.2" x 9.02" x 1.18"; 335mm x 229.1mm x 27.9-29.95mm

### Graphics
- Intel HD Graphics 4600 in processor, or
- Intel HD Graphics 4600 and NVIDIA GeForce® GT 730M, 1GB memory (Optimus)

### Dimensions Weight
- 14.0W" (WxDxH): 13.2" x 9.02" x 1.10-1.18"; 335mm x 229.1mm x 27.9-29.95mm

### Preload
- Win8 / 8.1 / 10 DG Win7: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit or Windows 10 Pro 64
- Win8 / 8.1 64: Windows 8 / 8.1 64-bit
- Win8 / 8.1 P64: Windows 8 / 8.1 Pro 64-bit
- Win10 P64: Windows 10 Pro 64

### Limited warranty
- 1-year - depot / 3-years (1-year battery) - depot / 3-years (1-year battery) onsite

See footnotes for more detailed information  (OA1-8) © Lenovo
## Product Specifications Reference (PSREF)

### ThinkPad T440p 20AW (Optimus) - Onsite

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</table>

### Key Features

- **Processor**: 4th Generation Intel i3/i5/i7 Processor
- **Graphics**: Intel HD Graphics 4600
- **Memory**: 16GB max, PC3-12800, 1600MHz DDR3L, non-parity, dual-channel capable, 204-pin SO-DIMM sockets
- **Display**: 14.0" (355mm) HD (1366x768), 200 nits, 300:1 contrast ratio
- **Camera**: Optional: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

### Additional Specifications

- **Battery type**: Li-on 6-cell (56Wh) or 9-cell (99.9Wh), HW Authentication
- **AC adapter**: 65-watt, 90-watt, or 135-watt AC adapter
- **Keyboard**: 6-row, spill-resistant, multimedia Fn keys, optional LED backlight
- **Optical Ultrabay**: DVD burner, 9.5mm UltraBay slim, removable
- **WWAN (optional)**: Upg: Wireless WAN upgradable
- **Security chip vPro (optional)**: Trusted Platform Module, TCG 1.2-compliant
- **Camera (optional)**: Integrated five buttons, multi-touch

### Footnotes

- For detailed platform specifications, please see ThinkPad T440p Platform Specifications sheet
- See footnotes for more detailed information (OA1-9) © Lenovo
## ThinkPad T440p 20AW (Optimus) - Onsite (Windows 8)

### Product Specifications Reference (PSREF)

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- **For detailed platform specifications, please see** ThinkPad T440p Platform Specifications sheet

### Processor

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

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<th># of Cores</th>
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<th>Max Turbo Frequency</th>
<th>Cache</th>
<th>Memory Types</th>
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### Memory

- DDR3L-1600
- 16GB max² / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets

### Optical Ultrabay Storage

- DVD burner, 9.5mm Ultrabay slim, removable
- One modular bay for removable devices (right side, cold swap), 9.5mm high
- 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: M.2 Solid State Drive (SSD), via M.2 card slot, exclusive with WWAN card

### M.2 SSD

- Some: 14.0" (355mm) HD (1366x768), 200 nits, 300:1 contrast ratio
- Some: 14.0" (355mm) HD+ (1600x900), 250 nits, 300:1 or 500:1 contrast ratio
- Some: 14.0" (355mm) FHD (1920x1080), 300 nits, 700:1 contrast ratio, IPS

### Widescreen display

- Some: 200 nit, 300:1 contrast ratio
- Some: 400 nit, 500:1 contrast ratio

### Camera (optional)

- Some: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus
date

### Graphics

- Intel HD Graphics 4600 in processor, or Intel HD Graphics 4600 and NVIDIA GeForce® GT 730M, 1GB memory (Optimus)
- Intel HD Graphics 4600 in processor
- Intel HD Graphics 4600 and NVIDIA GeForce® GT 730M, 1GB memory (Optimus)
- Intel HD Graphics 4600 and NVIDIA GeForce® GT 730M, 1GB memory (Optimus)

### Dimensions³ Weight⁴

- 14.0W (WxDxH): 13.2" x 9.02" x 1.10-1.18", 335mm x 229.1mm x 27.9-29.95mm
- 14.0W (WxDxH): 13.2" x 9.02" x 1.10-1.18", 335mm x 229.1mm x 27.9-29.95mm
- 14.0W (WxDxH): 13.2" x 9.02" x 1.10-1.18", 335mm x 229.1mm x 27.9-29.95mm

### Models

- 6-cell
- 6-cell
- 6-cell

### Battery type

- Li-ion 6-cell (56Wh) or 9-cell (99.9Wh), HW Authentication

### Bio-security chip (optional)

- Power-on password, hard disk password, supervisor password, security keyhole
- Trusted Platform Module, TCG 1.2-compliant
- Intel vPro Technology

### Finger-print reader (optional)

- Optional: Fingerprint reader on the keyboard bezel, swipe sensor

### Security

- Select: User selectable, contract required with service provider

### Bluetooth™

- Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

### Ethernet

- Intel Ethernet Connection I217-LM (Clarkville)
- Optional: Near Field Communication

### WWAN (optional)

- Upp: Wireless WAN upgradeable
- EM7345: Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS
- N5321: Ericsson N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS

### SIM card (optional)

- Lenovo: Lenovo SIM, out-of-box service, pay-as-you-go, no contract required

### Power adapter (watt)

- Win8 / 8.1: 11.2 hr
- Win8 / 8.1: 11.2 hr
- Win8 / 8.1: 11.2 hr

### Base warranty (year)

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

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See footnotes for more detailed information

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