## ThinkPad E440 Platform Specifications

### Processor
- **Positioning**
  - Sophisticated design with quality, durability and reliability for SMB customers; two spindles
  - Intel Core i7-4710MQ processor (4 cores, 2.3GHz, 6MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), HT technology
  - Intel Core i5-4210M processor (2 cores, 2.6GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), HT technology
  - Intel Core i3-4100M processor (2 cores, 2.5GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), HT technology
  - Intel Core i3-4005U processor (2 cores, 1.7GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), HT technology

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

### Optical SATA disk
- **Optical SATA disk**
  - DVD burner, 9.5mm high, fixed, not removable, tray-in
  - 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, 9.5mm high, removable, upgradable, Active Protection System™

### M.2 SSD
- **M.2 SSD**
  - None

### Widescreen display
- **Widescreen display**
  - Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio
  - Some: 14.0" (355mm) HD (1366x768), anti-glare, 10-point touch screen, LED backlight, 180 nits, 16:9 aspect ratio

### Camera
- **Camera**
  - HD720p resolution, face track, low light sensitive, fixed focus, LED indicator

### Graphics
- **Graphics**
  - Intel HD Graphics 4600 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display

### Keyboard
- **Keyboard**
  - 6-row, spill-resistant, multimedia Fn keys

### TrackPoint
- **TrackPoint**
  - TrackPoint pointing device, Internet Scroll Bar

### ThinkLight
- **ThinkLight**
  - None

### Dimensions
- **Dimensions**
  - 14.0W" (WxDxH): 13.54" x 9.41" x 1.17-1.27";
  - 344 x 239mm x 29.7-32.3mm

### Weight
- **Weight**
  - 6-cell: from 3.86 lb (1.75kg)
  - 6-cell: from 3.65 lb (1.66kg)

### Case color
- **Case color**
  - Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom
  - Black plastic

### Case material
- **Case material**
  - Acrylonitrile-Butadiene-Styrene (ABS) plastic

### Battery - type
- **Battery - type**
  - Lithium Ion 6-cell

### Battery - life
- **Battery - life**
  - 6-cell (48Whr): up to 6.3 hr
  - 6-cell (62Whr): up to 8.2 hr

### Chipset
- **Chipset**
  - Mobile Intel HM87 Express Chipset

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

### Multicard Reader
- **Multicard Reader**
  - Two USB 3.0, one USB 2.0 (powered), OneLink Docking port

### PCIe Mini Card
- **PCle Mini Card**
  - One PCI Express Half Mini Card slot
  - Some: 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2
  - Some: 11ac, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + Bluetooth combo adapter, 2x2

### PCle WLAN
- **PCle WLAN**
  - One PCI Express Mini Card slot
  - Some: 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2

### M.2 Card
- **M.2 Card**
  - One M.2 Card slot for support of SSD

### M.2 WWAN
- **M.2 WWAN**
  - None

### SIM card
- **SIM card**
  - None

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

### Ethernet
- **Ethernet**
  - Realtek® RTL8111E-US Gigabit Network Adapter

### Audio support
- **Audio support**
  - High Definition (HD) Audio, Conexant CX20751-21Z codec / stereo speakers,
  - Dolby Advanced Audio v2 certified / Stereo digital microphone, combo audio/mic jack

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

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

### Fingerprint reader
- **Fingerprint reader**
  - Some: Fingerprint reader on palm rest, swipe sensor

### Limited warranty
- **Limited warranty**
  - 1-year - depot repair service / service upgrades available during the warranty period

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See footnotes for more detailed information © Lenovo November 2014

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Preloaded operating system
- Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
- Some: Windows 8 Pro 64-bit
- Some: Windows 8.1 64-bit
- Some: Windows 8.1 Pro 64-bit
- Some: Windows 7 models
- Windows 8 models
- Lenovo Support
- Lenovo Companion
- Lenovo Cloud Storage

Preloaded applications (only some listed, exclude No OS models)
- Windows 7 models
  - Adobe® Reader®
- Windows 8 models
  - Lenovo Support
  - Lenovo Companion
  - Lenovo Cloud Storage
- All models
  - ThinkVantage System Update
  - Norton™ Internet Security (30 days of virus definitions)
  - Microsoft Office preloaded; purchase a product key to activate

Supports ThinkVantage® technologies
- 65-watt AC adapter
- EPEAT™ Gold rating
- ENERGY STAR® 6.0-compliant
- RoHS-compliant
- International Warranty Service
- 24 hour x 7 day toll-free support during the warranty period