Lenovo Flex 20 Platform Specifications

Product Specifications Reference (PSREF)

Processor

4th Generation Intel® Core™ i3 / i5 / i7 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Core i3-4005U	2 / 4	1.7 GHz	3MB	DDR3L-1600	Intel HD 4400
Core i3-4010U		1.7 GHz			
Core i3-4100U		1.8 GHz			
Core i5-4200U		1.6 GHz / 2.6 GHz			
Core i7-4500U		1.8 GHz / 3.0 GHz	4MB		

* One-chip platform, integrates Intel processor core, Graphics, Memory Controller, and Platform Controller Hub (PCH)

Graphics
Intel HD Graphics 4400 in processor, uses main memory, DirectX® 11

Chipset
Intel HM86 platform

Memory
4GB or 8GB / DDR3 Low Voltage, DDR3L-1600, one socket

Disk
Some: SATA 3.0Gb/s, 2.5" Wide, 5400 rpm
Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB NAND flash memory, SATA 6.0Gb/s, 2.5" wide

Optical
None

SATA controller
Serial ATA, SATA 6.0Gb/s support, integrated in processor

Display
19.5" (495.3mm) HD+ (1600x900), IPS, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, wide viewing angle (horizontal: +/- 89°; vertical: +/- 89°),

Multi-touch
Projected Capacitive Touch (PCT) technology, supports 10-point touch

Camera
HD720p (1.0MP), fixed focus, combo array microphone

Light sensor
Ambient light sensor

Controls
Power button, volume up/down button, screen rotation lock button and stand lock button on rear side

Side ports
Two USB 3.0, one microphone / headphone combo jack (3.5mm), power connector

M.2 Card
None

Media reader
None

Audio support
HD Audio, stereo speakers (1.5watt x 2), Dolby® Home Theater® v4

WLAN
11b/g/n wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1, PCIe Mini Card

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

NFC
None

Ethernet
None

Security features
- Power-on password
- Administrator password
- Boot sequence control
- Boot without keyboard and mouse
- USB port disablement

Dimensions
(WxDxH) 20.5" X 0.8" X 12.2"; 509.3mm X 20.5mm X 311.7mm

Weight
7.71 lb (3.5 kg), vary by configuration

Case color
Front: black; rear: shining silver

Case material
Front: glass panel; rear: aluminium alloy

Stand
Undetachable stand, supports stand mode 15° and flat mode (70°)

Keyboard
2.4G wireless keyboard, 6-row, silver

Mouse
Some: 2.4G wireless mouse N70, 1200dpi, silver
Some: 2.4G wireless mouse Liteon SM-8861, 1200dpi, silver

Battery type
Lithium Polymer, 4-cell, 49Wh

Battery life
Up to 3 hours

Power supply
90 watts AC adapter, universal

Physical gaming Accessories
Some: E-dice, with USB charger and dongle, simply shake and roll like a real dice
Some: Joystick, tilt to create directional motion during on-screen actions
Some: Striker, push across screen to strike during on-screen actions
* Physical gaming accessories only function in some games

Preload
Some: Windows 8 64-bit
Some: Windows 8.1 64-bit
Preloaded applications (only some listed)
- Lenovo® Rescue System
- Lenovo Companion
- Lenovo Support
- Lenovo Eye Distancing
- Lenovo Cloud Storage
- Lenovo Education Portal
- Lenovo Game Portal
- Aura multi-user interface
- Nitro PDF Reader
- McAfee® LiveSafe™ (30 days of virus definitions)
- Microsoft Office preloaded; purchase a product key to activate
- Multi-Mode PC games
  - Ubisoft® Draw Race2
  - Ubisoft Raiding Company
  - Ubisoft King of Opera

Limited warranty
1-year, limited onsite service / service upgrades available

Environment
EPEAT™ Silver; ENERGY STAR® 6.0; RoHS-compliant

See footnotes for more detailed information

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