

ThinkPad[®] L490/L590

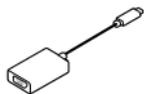
Setup Guide

Lenovo

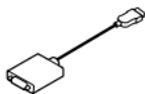
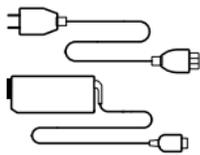
For Barcode Position Only

Printed in China

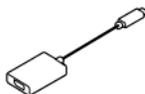
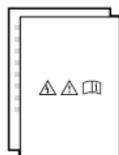
Unpack



* Lenovo USB-C to
VGA Adapter



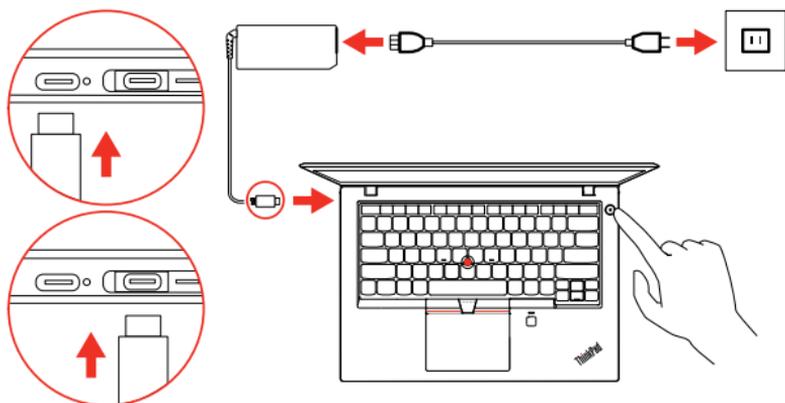
* Lenovo HDMI to VGA
Adapter



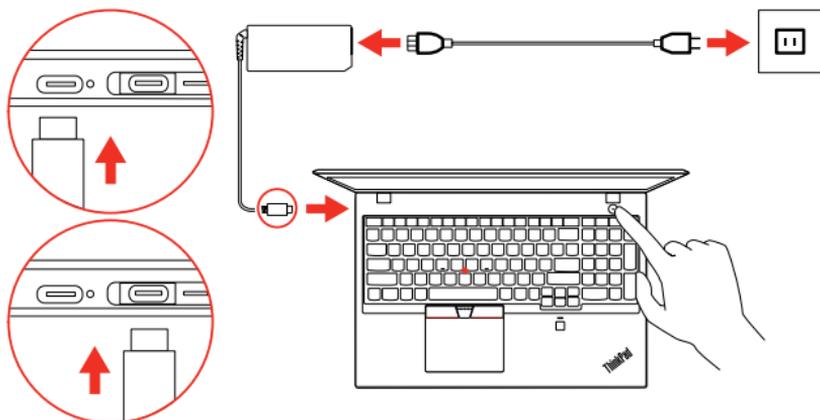
* Lenovo USB-C to
DisplayPort Adapter

Initial Setup

L490

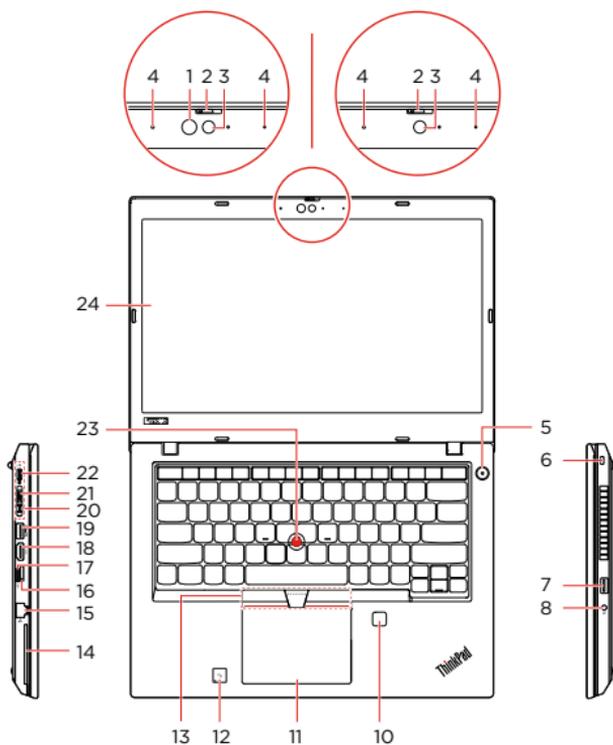


L590

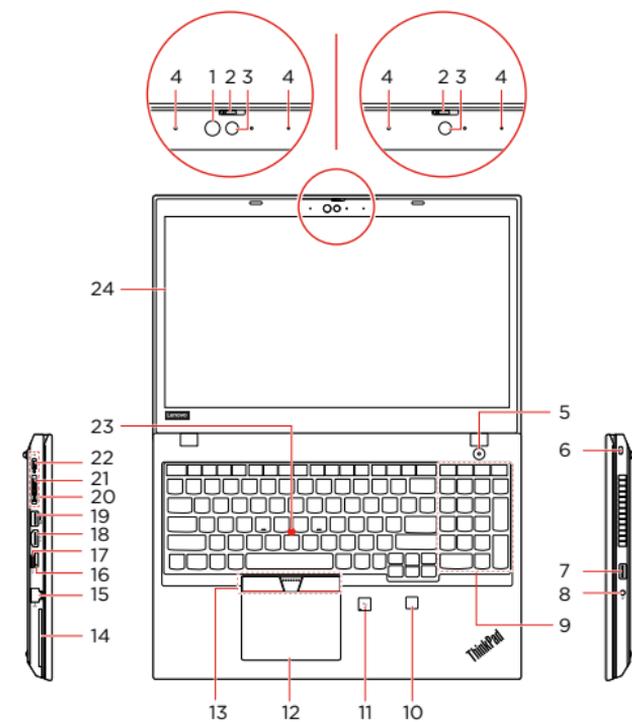


Overview

L490



L590



- * 1. Infrared camera
- * 2. ThinkShutter
- * 3. Camera
4. Microphones
5. Power button
6. Security-lock slot
7. USB 3.1 connector Gen 1
8. Audio connector
9. Numeric keypad
- * 10. Fingerprint reader
- * 11. NFC mark
12. Trackpad
13. TrackPoint® buttons
- * 14. Smart-card slot
15. Ethernet connector
- * 16. Nano-SIM card slot
17. microSD card slot
18. HDMI™ connector
19. Always On USB 3.1 connector Gen 1
20. Docking-station connector
21. USB-C connector (USB 3.1 Gen 2)
22. USB-C™ connector (USB 3.1 Gen 1)
23. TrackPoint pointing stick
- * 24. Multi-touch screen

i Read the statement on USB transfer rate in the *User Guide*. Refer to the *Safety and Warranty Guide* for accessing the *User Guide*.

Customer Replacement Units (CRUs)

- ac power adapter
- Base cover assembly
- * • Hard disk drive
- * • Hard disk drive bracket
- * • Hard disk drive cable
- Keyboard
- Memory module
- * • M.2 solid-state drive
- * • M.2 solid-state drive adapter
- * • M.2 solid-state drive cable
- * • Nano-SIM card tray
- Pointing-stick nonslip cap
- Power cord
- * • Solid-state drive
- * • Solid-state drive cable
- Speaker assembly
- * • USB and audio board
- * • Wireless WAN card
- Wireless LAN card

Refer to the *User Guide* for CRU definition.

Additional information

European Union – compliance with the Radio Equipment Directive

Hereby, Lenovo (Singapore) Pte. Ltd., declares that the radio equipment type ThinkPad L490/L590 is in compliance with Directive 2014/53/EU.

The full text of the system EU declaration of conformity is available at the following Internet address:

<https://www.lenovo.com/us/en/compliance/eu-doc>

This radio equipment operates with the following frequency bands and maximum radio-frequency power:

Technology	Frequency band [MHz]	Maximum transmit power
WLAN 802.11b/g/n	2400 - 2483.5	< 20 dBm

Technology	Frequency band [MHz]	Maximum transmit power
WLAN 802.11a/n/ac	5150 - 5725	< 23 dBm
WLAN 802.11a/n/ac	5725 - 5875	< 13.98 dBm
Bluetooth BR/EDR/LE	2400 - 2483.5	< 20 dBm
WWAN UMTS	1/8	< 24.5 dBm
WWAN LTE	1/3/7/8/20/28	< 24 dBm
NFC	13.56	< -5.31 dBμA/m @10m

Usage of all the radio devices is limited to indoor in the band 5150 MHz to 5350 MHz (channels 36, 40, 44, 48, 52, 56, 60, 64).



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