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# ThinkPad Fibocom L850-GL CAT9 M.2 WWAN

4XC0R38452

7741 views

FEATURE TECH SPECS COMPATIBILITY

## Feature

### Product Description

Fibocom L850-GL is an industry-leading LTE CAT9 high-speed full netcom module, developed on the Intel7360 platform, adopting M.2 interface with a size of 30*40*2.3mm. With downlink speed of up to 450Mbps and uplink speed of up to 50Mbps, L850-GL is the perfect cellular solution for world travelers' devices that need top connectivity speed anywhere LTE is present. It is a top application choice for you to upgrade the ThinkPad from lower speed modules.

### Top Features

- Fibocom L850 owns a downstream rate of 450Mbps, and supports 2*2MIMO, 3CA combination, 2CA combination, and eSIM.
- Compatible with ThinkPad laptops, including Finn-1/Kolar-1/Yoda-2/Windu-2/Windu-2(AMD)/Solo/Lando/Raven-3/Tachi-2/Storm-3/Miix-330/Ray/Solo etc.

## Tech Specs

| | |
|---|---|
| Voltage | DC 3.135V ~ 4.4V, Typical 3.3V |
| Supported Band | LTE FDD: Band 1,2,3,4,5,7,8,11,12,13,17,18,19,20,21,26,28,29,30,66 LTE TDD: Band 38, 39, 40, 41 WCDMA/HSPA+: Band 1,2,4,5,8 GNSS/Beidou: support |
| Shipment Group | • ThinkPad Fibocom WWAN module • Warranty poster |
| Packed Weight | 0.07 kg |
| Package Type | Brown Box |
| Other Physical Specifications | No |
| Other Operating Environment | No |
| Included Accessory | No |
| Hardware Requirements | M.2 interface |
| UPC | 192563995135 |
| EAN | 192563995135 |
| Brand | ThinkPad |
| Agency Approvals | CE for EU KCC for Korea IFT for Mexico NTC for Philippines ICASA for South Africa NCC for Taiwan |

## Compatibility

### Operating System

OS Independent

### Compatible Machines

| Description | ID | Footnote |
|---|---|---|
| L14 AMD G1-20U5 MT 2020 | 20U5 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| L14 AMD G1-20U6 MT 2020 | 20U6 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| L15 AMD G1-20U7 MT 2020 | 20U7 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| L15 AMD G1-20U8 MT 2020 | 20U8 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| L480-20LS MT | 20LS | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| L480-20LT MT | 20LT | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| L490-20Q5 MT | 20Q5 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| L490-20Q6 MT | 20Q6 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| L570-20J9 MT | 20J9 | |
| L580-20LW MT | 20LW | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| L580-20LX MT | 20LX | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| L590-20Q7 MT | 20Q7 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| L590-20Q8 MT | 20Q8 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| P14s AMD G1-20Y1 - P14s AMD Gen 1 | 20Y1 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| P14s AMD G1-20Y2 - P14s AMD Gen 1 | 20Y2 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| P15s 1st Generation-20T4 MT 2020 | 20T4 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| P15s 1st Generation-20T5 MT 2020 | 20T5 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| P43s-20RH MT | 20RH | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| P43s-20RJ MT | 20RJ | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| P51s-20HB MT | 20HB | |
| P52-20M9 MT | 20M9 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| P52-20MA MT | 20MA | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| P52s-20LB MT | 20LB | |
| P52s-20LC MT | 20LC | |
| P53-20QN MT | 20QN | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| P53-20QQ MT | 20QQ | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| P53s-20N6 MT | 20N6 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| P53s-20N7 MT | 20N7 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| S1 4th Gen-STORM-3.0 20LK MT | 20LK | |
| T14 AMD G1-20UD MT 2020 | 20UD | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T14 AMD G1-20UE MT 2020 | 20UE | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T14s AMD G1-20UH MT 2020 | 20UH | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| T14s AMD G1-20UJ MT 2020 | 20UJ | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| T480-WINDU-2.0 20L5 MT | 20L5 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T480-WINDU-2.0 20L6 MT | 20L6 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T480s-KOLAR-1.0 20L7 MT | 20L7 | |
| T480s-KOLAR-1.0 20L8 MT | 20L8 | |
| T490-20N2 MT | 20N2 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T490-20N3 MT | 20N3 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T490-20Q9 MT | 20Q9 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T490-20QH MT | 20QH | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T490-20RX MT | 20RX | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T490-20RY MT | 20RY | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T490s-20NX MT | 20NX | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| T490s-20NY MT | 20NY | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| T495-20NJ MT | 20NJ | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T495-20NK MT | 20NK | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T495s-20QJ MT | 20QJ | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T495s-20QK MT | 20QK | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T580-20L9 MT | 20L9 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T580-20LA MT | 20LA | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T590-20N4 MT | 20N4 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| T590-20N5 MT | 20N5 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad L14-20U1 MT 2020 | 20U1 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad L14-20U2 MT 2020 | 20U2 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad L15-20U3 MT 2020 | 20U3 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad L15-20U4 MT 2020 | 20U4 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad P14s-20S4 MT 2020 | 20S4 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad P14s-20S5 MT 2020 | 20S5 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad P15v-20TQ MT 2020 | 20TQ | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad P15v-20TR MT 2020 | 20TR | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad T14-20S0 MT 2020 | 20S0 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad T14-20S1 MT 2020 | 20S1 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad T14-20S2 MT 2020 HC | 20S2 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad T14-20S3 MT 2020 HC | 20S3 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad T14s-20T0 MT 2020 | 20T0 | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| ThinkPad T14s-20T1 MT 2020 | 20T1 | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| ThinkPad T15-20S6 MT 2020 | 20S6 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad T15-20S7 MT 2020 | 20S7 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad T15p-20TM MT 2020 | 20TM | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| ThinkPad T15p-20TN MT 2020 | 20TN | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| X1 Yoga 5th Generation-20UB MT 2020 | 20UB | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| X1 Yoga 5th Generation-20UC MT 2020 | 20UC | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| X13 AMD G1-20UF MT 2020 | 20UF | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| X13 AMD G1-20UG MT 2020 | 20UG | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| X13 G1-20T2 MT 2020 | 20T2 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| X13 G1-20T3 MT 2020 | 20T3 | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| X13 Yoga-20SX MT 2020 | 20SX | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| X13 Yoga-20SY MT 2020 | 20SY | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| X280-20KE MT | 20KE | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| X280-20KF MT | 20KF | 124. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. |
| X380 Yoga-STORM-3.0 20LH MT | 20LH | |
| X380 Yoga-STORM-3.0 20LJ MT | 20LJ | |
| X390 Yoga-20NN MT | 20NN | |
| X390 Yoga-20NQ MT | 20NQ | |
| X390-20Q0 MT | 20Q0 | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| X390-20Q1 MT | 20Q1 | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| X390-20SC MT | 20SC | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| X390-20SD MT | 20SD | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| X395-20NL MT | 20NL | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |
| X395-20NM MT | 20NM | "414. Compatible with Wireless WAN (WWAN) Ready ThinkPad models. WWAN Ready models are ThinkPad systems with an installed WWAN attenna. Be sure to purchase the SIM Tray 4XF0X58466 to replace the original dummy SIM that was installed in the ThinkPad models。" |

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