PERFORMANCE AND EFFICIENCY WHERE IT COUNTS THE MOST

Lenovo

The ThinkPad T490 Healthcare Edition is everything it promises to be—light, rugged, and secure. Powered by the latest generation Intel® Core™ vPro™ i7 Processors, robust 48GB of memory, and backed by RapidCharge technology[1]. This laptop is an excellent choice for healthcare professionals seeking performance and convenience.

Equipped with FIPS-201 compliant Fingerprint Reader, RFID reader, ThinkPad PrivacyGuard[2], and Lenovo Quick Clean Application, for a smarter, safer, and cleaner clinical ecosystem.

ThinkPad® T490 HEALTHCARE EDITION

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Industry Benefits

Healthcare
Meeting ISO 22196 standard for anti-microbial surface treatment, the T490 Healthcare Edition kills or prevents the growth of microorganisms on the device's surface. The preloaded Lenovo Quick Clean Application disables keyboard and touchpad functionality to up to 90 seconds, allowing medical practitioners to conveniently clean and sanitize the device before or after attending to patients.

Finance and Banking
The T490 comes integrated with the RFID reader that allows bank administrators to leverage existing ID badges for simple and secure login, simplifying asset management. The biometric authetication enabled by FIPS-201 compliant Fingerprint Reader prevents unauthorized access. The dTPM 2.0 chip encrypts customer data, assuring enhanced information security.

Manufacturing
The 400nit full-HD IPS display and discrete NVIDIA® GeForce® graphics enable manufacturers to view production plans and product drawings with utmost clarity. MIL-SPEC tested, the T490 can endure harsh industrial environments with no impact on efficiency.

Secure Confidential Medical Information: the FIPS-201 compliant Fingerprint Reader that meets the DEA security requirements for Electronic Prescription of Controlled Substances (EPCS) ensures a higher level of biometric authentication for improved security.

Single Sign On With a Badge: integrated RFID reader ensures simple and secure authentication, saving precious time during your day to day patient visits.

Sanitize PC Without Turning It Off: the T490 Healthcare Edition facilitates cleaning using Lenovo Quick Clean Application by disabling the keyboard and touchpad; you're able to wipe the machine with a sanitizing cloth drastically lowering the risk of hospital-acquired infections.

Ensure Patient Privacy: the ThinkShutter camera cover and ThinkPad PrivacyGuard[1] prevent unwanted snooping, so patient data is uncompromised at all times.

[1]Optional

Optional Accessory

Impressive Performance
Power through demanding tasks easily with up to 8th Generation Intel® Core™ vPro™ i7 Processors. The DDR4 memory coupled with PCIe SSD storage offers an amazingly responsive performance, taking productivity to a whole new level.

Purposeful Design
Weighing just 1.46kg/3.23lbs., the T490 Healthcare Edition is ultralight and convenient to carry across patient wards. With the intuitive touchscreen, zoom in/out of medical images and interact with applications with ease.

Versatile Connectivity
Multitask effortlessly with an array of ports, including Thunderbolt™, USB Type-C, USB 3.1 Gen1, and HDMI 1.4 that provide easy connectivity to external medical displays and peripherals. Enable unwavering wireless connectivity with LTE CAT9 WWAN[1] and experience exceptional audio quality with Dolby® Audio™ Premium speakers.

Advanced Security
The T490 Healthcare Edition comes with an in-built RFID reader for faster, safer, and easier login. The FIPS-201 compliant and PIV certified Fingerprint Reader provides higher level of security. The ThinkShutter physically covers the RGB and IR[1] cameras to prevent unwanted meddling. The ThinkPad PrivacyGuard[1] ensures prying eyes see nothing.

[1]Optional

ThinkPad Thunderbolt™ 3 Dock Gen 2
(PN: to be updated)

Experience lightning-fast data transfer (up to 40Gbps) through three USB 3.1 ports with this Intel® Thunderbolt™ Chipset powered Thunderbolt™ 3 Dock Gen2. Daisy chain up to three independent UHD displays for seamless multitasking. Enterprise-ready, this dock also supports PXE boot, system Wake-On LAN, and MAC address pass-through with ThinkPad notebooks.

ThinkPad T490 HEALTHCARE EDITION

PERFORMANCE

Processor
Up to 8th Generation Intel® Core™ vPro™ i7 Processors

Operating System
Up to Windows 10 Pro (64 bit)

Graphics
Integrated Intel® UHD Graphics 620
Discrete NVIDIA® GeForce® MX250

Camera
720p HD + optional IR camera with ThinkShutter

Memory
Up to 48GB DDR4 (2400MHz)

Storage
Up to 1TB PCIe SSD

Battery
Up to 16.1hrs[1], 50Whr battery

AC Adapter
Up to 65W Type-C (supports RapidCharge)

Audio
Dolby® Audio™ Premium with upward-firing speakers

SECURITY

FIPS-201 Fingerprint Reader
RFID Reader
IR camera[2] with Windows Hello
dTPM 2.0 chip
ThinkShutter camera cover
ThinkPad PrivacyGuard[2]
ThinkPad PrivacyAlert[2]
Kensington™ lock slot

CONNECTIVITY

Input/Output Ports
2 x USB 3.1 Gen1
1 x USB Type-C
1 x HDMI 1.4
1 x Thunderbolt™ 3
1 x MicroSD Card Reader
1 x Audio Jack

Wireless Communication
Intel® Dual Band 802.11 AC
Bluetooth 5.0

WWAN
LTE CAT9[2]
2 x 2 WLAN

NFC
Support via RFID reader

DESIGN

Display
14" FHD IPS (250nit)
14" FHD IPS Low Weight Touch (300nit)
14" FHD IPS PrivacyGuard (400nit)

Dimensions (W x D x H)
329 x 227 x 17.9mm
12.95 x 8.93 x 0.70 inches

Weight
Starting at 1.46kg/3.23lbs.

Keyboard
Top load backlight with white LEDs
Lenovo Quick Clean Application (to clean and sanitize the keyboard)

Color
Black

RECOMMENDED SERVICES

Lenovo offers a comprehensive portfolio of services to support and protect your ThinkPad investment—so you can focus on your work, not your IT.

Premier Support
Provides direct access to skilled and experienced Lenovo technicians offering comprehensive hardware and software support. Gives you a consistent point of contact within Lenovo to ensure that your case resolution is professionally managed from start to finish.

Accidental Damage Protection (ADP)
Prevents the hassles of unexpected repair costs. Provides coverage for non-warranted damage incurred under normal operating conditions, such as minor spills, drops, or damage to the integrated screen.

Warranty Extension (1-year base, up to 3 years total)
This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your valuable investment, and lower the cost of ownership over time.

Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: - 5 Gbit/s for USB 3.1 Gen1; 10 Gbit/s for USB 3.1 Gen2 & 20 Gbit/s for USB 3.2.