

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Lian Li](#) /
- › [Lian Li LANCOOL 217 INF Mid-Tower ATX PC Case Instruction Manual](#)

Lian Li LANCOOL 217 INF (LAN217INFW, G99.A3W.00)

Lian Li LANCOOL 217 INF Mid-Tower ATX PC Case Instruction Manual

Models: LAN217INFW (White), LAN217INFX (Black)

1. PRODUCT OVERVIEW

The Lian Li LANCOOL 217 INF is a mid-tower ATX PC case designed for optimal airflow and aesthetic appeal. It features a tempered glass infinity mirror front panel, pre-installed ARGB fans, and flexible component mounting options. This manual provides detailed instructions for setup, operation, and maintenance.



Figure 1: Lian Li LANCOOL 217 INF White PC Case with internal components and purple lighting.

2. KEY FEATURES

- **Infinity Mirror Front Panel:** Features a built-in tempered glass infinity mirror design, enhanced by two pre-installed 170mm ARGB front fans for visual effects and strong airflow.
- **Three Pre-Installed Fans:** Includes three ARGB fans (two 170mm at the front and one 140mm at the rear) for enhanced system cooling and dynamic lighting.
- **Relocatable I/O Module:** The I/O module can be installed at the top or bottom of the case for easy access, featuring an M1 button for front panel lighting and an M2 button for ARGB fan lighting.
- **Two PSU Mounting Orientations:** Offers flexibility with two PSU mounting options, supporting up to 220mm in length, allowing users to choose based on PSU size and cable management needs.
- **Enhanced Airflow Design:** Precision-cut intake openings ensure strong airflow while maintaining a sleek design, optimizing cooling performance.
- **Effortless Lighting Control:** Supports seamless synchronization via motherboard software or wireless control for a stunning display.

3. SETUP INSTRUCTIONS

3.1 Unpacking and Initial Inspection

Carefully remove the case from its packaging. Inspect for any signs of damage during transit. Remove any protective films from glass panels.

Your browser does not support the video tag.

Video 1: Demonstrates the removal of the side glass panel and protective film from the Lian Li 217 INF computer case.

3.2 Motherboard Installation

The LANCOOL 217 INF supports various motherboard sizes. Ensure your motherboard fits within the specified dimensions.



Figure 2: Motherboard compatibility diagram for ATX, Micro-ATX, Mini-ITX, E-ATX (max width 280mm), and SSI-EEB (max width 330mm). Back-connect motherboard support for ATX and Micro-ATX.

For E-ATX motherboards, the right-side bracket needs to be flipped. For SSI-EEB motherboards, remove the shielding plate on the right-side bracket and the rubber grommets for cable routing.

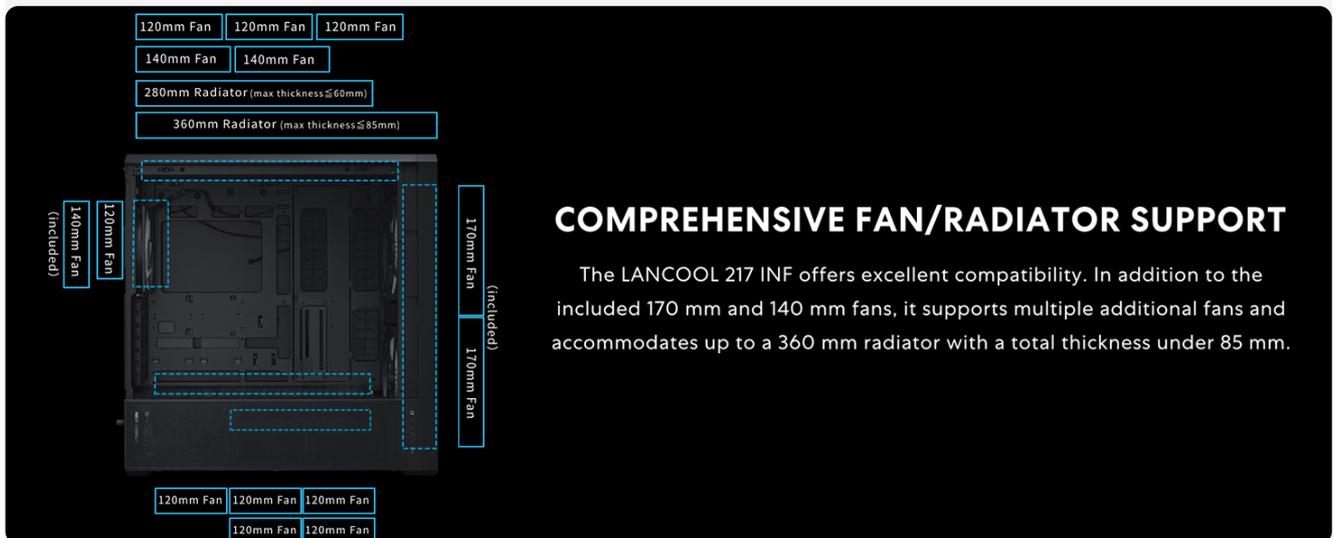


Figure 3: E-ATX and SSI-EEB Motherboard Support details.

3.3 Fan and Radiator Installation

The case comes with three pre-installed ARGB fans: two 170mm at the front and one 140mm at the rear. Additional fan and radiator configurations are supported.



Figure 4: Comprehensive Fan/Radiator Support. Supports up to 360mm radiator (max thickness 85mm).

The top radiator bracket is fully removable for easier hardware installation. Removing the bracket also removes the left-side frame bar, creating more space.

For internal testing, the LANCOOL 217 INF was equipped with two bottom fans to ensure a fair comparison with the LANCOOL 217. Results show that the LANCOOL 217 INF delivers outstanding cooling performance, even surpassing the LANCOOL 217.

	CPU TEMP	GPU TEMP	Chassis Noise (Tested at a distance of 30 cm)
LANCOOL 217 INF	61.5°C	58.4°C	50.1 dBA
LANCOOL 207	63.3°C	58.3°C	50.9 dBA
LANCOOL 216	63°C	58.6°C	50 dBA
Open bench	64.2°C	59°C	

	CPU TEMP	GPU TEMP	Test conditions: Ambient temperature 22°C. LANCOOL 217 INF tested with two bottom fans installed. LANCOOL 217 tested in default configuration.
LANCOOL 217 INF	31.7°C	44.1°C	
LANCOOL 217	33.1°C	45°C	

Figure 5: Removable top radiator bracket for fast and easy installation.

3.4 Power Supply Unit (PSU) Installation

The LANCOOL 217 INF offers two PSU mounting orientations for flexibility.

- **Standard Mode:** PSU connectors face the front, supporting ATX PSUs up to 220mm in length.
- **Rotated Mode:** PSU is turned 90 degrees with connectors facing the right side, supporting compact PSUs up to 180mm. This optimizes cable routing and allows for bottom fans to cool the GPU.

SPECIFICATIONS																		
PRODUCT NAME	MODEL NAME	TYPE	COLORS	DIMENSIONS	MATERIALS	MOTHERBOARD SUPPORT	BACK CONNECTOR MOTHERBOARD SUPPORT	PSU LENGTH LIMIT	FAN SUPPORT	RADIATOR SUPPORT	DRIVE BAYS	GPU CLEARANCE	CPU COOLER HEIGHT	EXPANSION SLOTS	FRONT I/O	DUST FILTERS	INTEGRATED HUB	HARDWARE PROTECTION
LANCOO L217INF	LAN217 INF	Mid-tower chassis	Black	482 mm(L) x 238 mm (W) x 503 mm(H)	Steel/4.0 mm tempered glass	SSI-EEB (max width 330 mm) /E-ATX (max width 280 mm)	ATX/ Micro-ATX/ Mini-ITX ATX/Micro-ATX	Standard orientation: ATX up to 220 mm Rotated orientation: ATX up to 180 mm	Front: 2x170 mm (pre-installed)	Top: 360/280/240 mm	380 mm (length)	180 mm (max)	7	Bottom x1 / Front x1 (x2 RU version only)	1x Power button 2x USB 3.0 1x USB 3.2 Type-C 1x Audio/ Microphone Combo Jack 1x M1 Front Panel Lighting Control Button 1x M2 Fan Lighting Control Button		ARGB /FAN HUB (Sync Motherboard Fan Header x3 / ARGB Header x1)	1 year (fans: 3 years)
									Top: 3x120 mm or 2x140 mm									
	Bottom (above PSU shroud): 3 x 120 mm	Drive cages: 2; each supports 1 x 3.5"																
	Bottom (under PSU shroud): 2 x 120 mm	HDD + 1x 2.5" SSD (or 1x 3.5" HDD 2x 2.5" SSD)																
LAN217 INF	White							Rear: 1x 140 mm (pre-installed) / 1x 120 mm	PSU-shroud cover: 1x 2.5" SSD									

Figure 6: Dual PSU Mounting, Flexible Builds.

The case includes screws for 120mm fan installation, allowing fans to be mounted on the PSU shroud for additional airflow. Alternatively, two 120mm fans can be installed beneath the PSU cover.



Figure 7: Flexible Installation Options for additional fans.

3.5 Drive Support

The case provides ample storage options:

- Behind motherboard tray: 2 x 2.5" SSDs or 1 x 2.5" SSD (when using a rear-mounted Micro-ATX motherboard)
- HDD cage: 2 x 3.5" HDD + 2 x 2.5" SSD (or 2 x 3.5" HDD or 2 x 2.5" SSD)
- PSU shroud cover: 1 x 2.5" SSD

In default mode, both 170 mm and 140 mm fans run via PWM sync with the motherboard. In wireless mode, L-Connect 3 enables independent control of fan speed and lighting for a customized setup.



Figure 8: Drive Support locations. Note: The second HDD cage can only be installed when the PSU is in the rotated orientation. Installing two HDD cages in the standard layout will cause interference with the power supply.

3.6 GPU Compatibility

The LANCOOL 217 INF supports GPUs up to 380mm in length and includes an adjustable anti-sag bracket for secure fit.



To maximize cooling performance, the front features two large 170 mm fans (30 mm thick) with FDB bearings for low noise and extended lifespan. Compared with previous models, the LANCOOL 217 INF reduces noise by 1 dBA while improving airflow efficiency.

Size: **170x170x30mm**
 Speed: **1500RPM**
 Airflow: **142.56CFM**
 Static Pressure: **3.34mmH₂O**
 Noise Level: **34.3dBA**



The rear features a 140 mm fan (30 mm thick) that efficiently exhausts heat, maintaining stable airflow and optimal system temperature.

Size: **140x140x30mm**
 Speed: **1900RPM**
 Airflow: **81.3CFM**
 Static Pressure: **2.4mmH₂O**
 Noise Level: **33.8dBA**

The front fans come with a metal mesh dust filter that prevents dust intake and accidental fan contact. The filter can be easily detached for quick cleaning.

Figure 9: Large GPU, Exceptional Compatibility.

The PCIe slot bracket can be turned 90 degrees to support vertical GPU mounting. This allows the bottom fan to be moved under the PSU shroud for a hidden look.

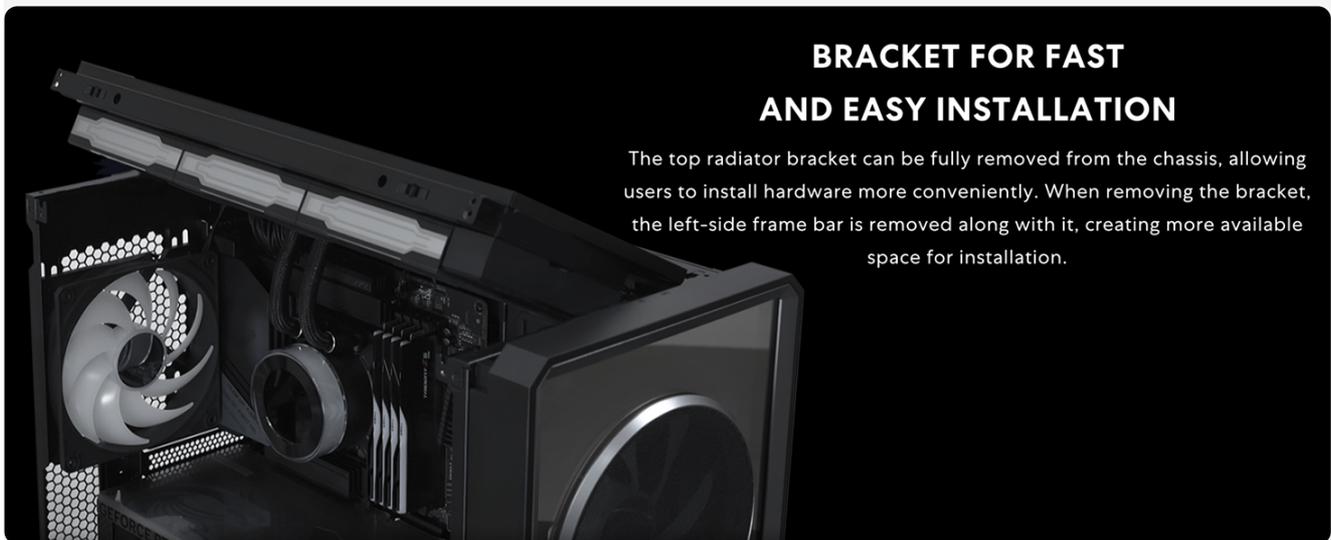


LARGE GPU, EXCEPTIONAL COMPATIBILITY

The LANCOOL 217 INF supports GPU up to 380mm in length and features an adjustable anti-sag bracket, ensuring a perfect and secure fit for GPU.

Figure 10: Flexible Design, Versatile Layouts for GPU mounting.

When rotating the bracket for vertical GPU mounting, it is recommended to remove the first and second PCIe slot covers to prevent interference with the motherboard.



BRACKET FOR FAST AND EASY INSTALLATION

The top radiator bracket can be fully removed from the chassis, allowing users to install hardware more conveniently. When removing the bracket, the left-side frame bar is removed along with it, creating more available space for installation.

Figure 11: Important note regarding PCIe slot covers during vertical GPU installation.

3.7 Relocatable I/O Panel

The I/O module can be installed at the top or bottom of the case to suit desktop or floor-standing setups.



MASSIVE AIRFLOW, EFFORTLESS COOLING

The LANCOOL 217 INF is equipped with high-performance front and rear fans, plus additional fan mounting options at the top and bottom of the chassis. This flexible airflow setup maximizes heat dissipation and ensures smooth, stable performance for all internal components.

Figure 12: Relocatable I/O Panel Top or Bottom.

4. OPERATING INSTRUCTIONS

4.1 Lighting Control

The top I/O panel integrates an M1 button for front panel lighting and an M2 button for fan lighting effects. Users can choose between three lighting control methods:

- Through L-Connect 3 (wireless controller required)
- Via the I/O buttons
- Using motherboard sync



Figure 13: Lighting Control, Made Simple. M1 controls front panel infinity mirror lighting, M2 controls front 170mm fan lighting.

The case features a built-in wireless receiver in the rear hub for seamless control through L-Connect 3 and L-Wireless technology. Note: The L-Wireless controller is sold separately. The built-in rear hub does not support external fan connections.



Figure 14: Infinity Mirror, Total Control with L-Connect 3.

4.2 Fan Speed Control

In default mode, both 170mm and 140mm fans run via PWM sync with the motherboard. In wireless mode, L-Connect 3 enables independent control of fan speed and lighting for a customized setup.



Figure 15: Customize Your Lighting & Fan Speed Wirelessly using L-Connect 3.



Figure 16: Fan control modes: PWM Sync with motherboard vs. independent wireless control.

Your browser does not support the video tag.

Video 2: Official product video showcasing the Lian Li LANCOOL 217 INF case features, including lighting and fan capabilities.

5. MAINTENANCE

The front fans come with a metal mesh dust filter that prevents dust intake. The filter can be easily detached for quick cleaning.

Note: For using the E-ATX motherboards, the right-side bracket needs to be flipped, and as for using EEB motherboards, the users need to remove the shielding plate on the right-side bracket and the rubber grommets for cable routing.

Compared to the LANCOOL 216, the LANCOOL 217 INF now supports back-connect motherboards. By removing the HDD cage behind the motherboard tray, it can accommodate M-ATX back-connect motherboards.



E-ATX Mode



EEB Mode

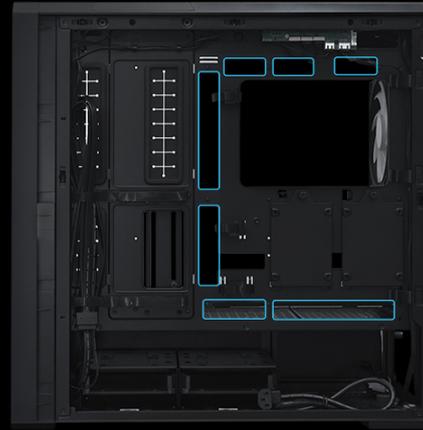


Figure 17: Front and Rear Fan Specifications and Dust Filter information.

6. SPECIFICATIONS

Feature	Description
Product Name	LANCOOL 217 INF
Model	LAN217INFW (White), LAN217INFX (Black)
Type	Mid-tower chassis
Dimensions (D x W x H)	482mm x 238mm x 503mm (19.8 x 9.37 x 18.98 inches)
Materials	Steel, Tempered Glass
Motherboard Support	SSI-EEB (width <330mm), E-ATX (width <280mm), ATX, Micro-ATX, Mini-ITX
Back-Connect Motherboard Support	ATX, Micro-ATX
PSU Length Limit	Standard orientation: Up to 220mm; Rotated orientation: Up to 180mm
Fan Support	Front: 2x170mm (pre-installed); Top: 3x120mm or 2x140mm; Rear: 1x140mm (pre-installed); Bottom (under PSU shroud): 3x120mm; PSU shroud cover: 1x120mm
Radiator Support	Top: 360/280mm (max thickness ≤85mm); Rear: 120/140mm
Drive Bays	Behind motherboard tray: 2x2.5" SSD or 1x2.5" SSD (with rear-mounted Micro-ATX); HDD cage: 2x3.5" HDD + 2x2.5" SSD; PSU shroud cover: 1x2.5" SSD
GPU Clearance	380mm (max)
CPU Cooler Height	170mm (max)
Expansion Slots	7
Front I/O	1x Power button, 2x USB 3.0, 1x USB 3.2 Type-C, 1x Audio/Microphone Combo Jack
Dust Filters	Bottom x1, Front x1 (USB version only)
Integrated Hub	ARGB/FAN HUB (Sync Motherboard x3/ARGB Header x1)
Hardware Protection	1 year (fans: 3 years)

Figure 18: Detailed Specifications Table for LANCOOL 217 INF.

7. TROUBLESHOOTING

No specific troubleshooting information is provided in this manual. For common issues, please refer to the Lian Li support website or contact customer service.

8. WARRANTY AND SUPPORT

The Lian Li LANCOOL 217 INF comes with a 1-year hardware warranty. Fans are covered by a 3-year warranty. For

technical support, warranty claims, or additional information, please visit the official Lian Li website or contact your local distributor.