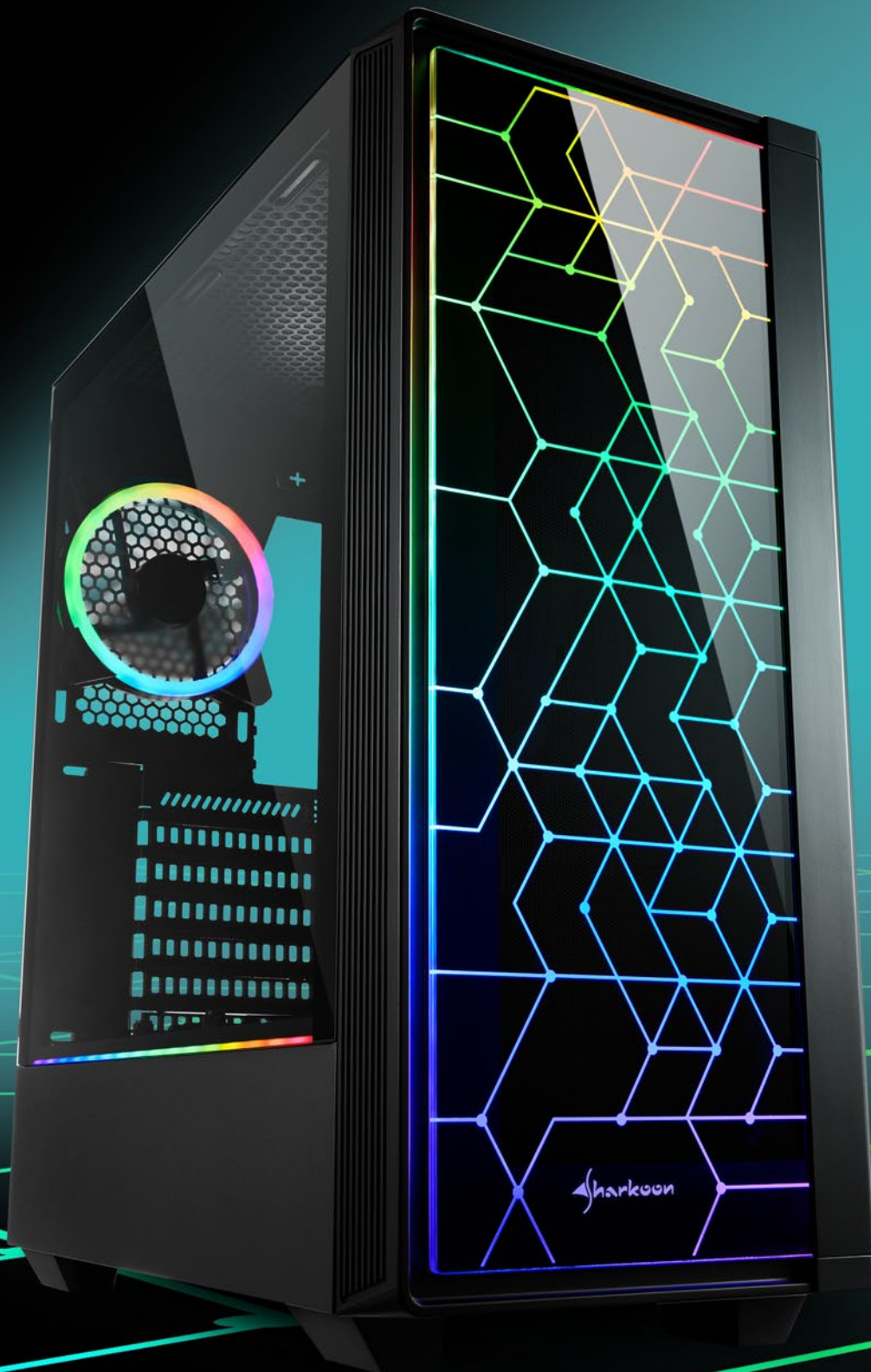# Sharkoon

RGB LIT 100
ATX PC CASE

The RGB LIT 100 is an ATX midi tower that not only offers effective lighting, but also directs RGB into expressive paths: In and around the elegant viewing window, an addressable fan mounted on the rear and an addressable LED strip provide atmospheric hardware illumination, which is supplemented by an LED strip in the front. These light sources meet a reflective pattern, which is reminiscent of the conducting paths of a circuit board, printed on the tempered glass front panel. This creates an expressive eye-catcher - that goes beyond mere RGB. With a total of six mounting options for fans as well as enough space for radiators, powerful hardware and up to six SSDs, the case offers both style and substance.

STYLE AND SUBSTANCE COMBINED

The hardware is viewable through the tempered glass front and side panels, while the power supply, HDDs and cabling disappear within the power supply tunnel or behind the mainboard tray. There is also plenty of space for the hardware: Graphics cards with a length of up to 35 cm have room, as do CPU coolers with a height of up to 15.7 cm and power supplies with a maximum length of 21.5 cm.

REFLECTIVE TEMPERED GLASS FRONT PANEL

The front panel of the RGB LIT 100 is equipped with a large tempered glass window, printed with a reflective circuitry-like pattern. Together with the LED strip inside the front panel, the chosen illumination is distributed over the pattern and the entire front panel, creating a vibrant, effective look that is not just RGB, but, above all, expressive.
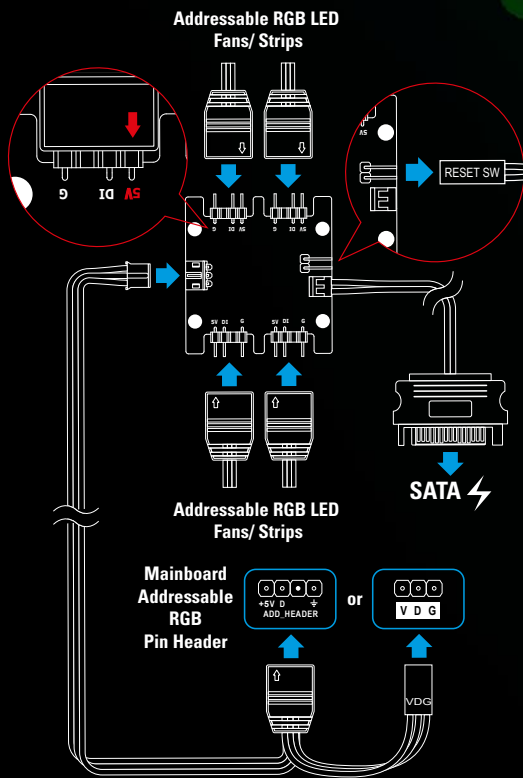
EFFECTIVE HARDWARE ILLUMINATION

Even though the RGB LIT is visually eccentric, the inner worth is what really counts. And precisely this can be presented particularly well through the tempered glass side panel. For even more elegance, we have designed the side panel so that it is attached to the back of the case with hardly visible and easy-to-remove thumbscrews. To ensure that the illumination of the hardware components can keep pace with the lighting of the front panel, an addressable LED strip is attached below the tempered glass side window. This provides additional effects and a complete illumination of the case.

4-PORT ADDRESSABLE RGB CONTROLLER

Addressable RGB LED Fans/ Strips

RESET SW

5V DI G

5V DI G   5V DI G

Addressable RGB LED Fans/ Strips

SATA ⚡

Mainboard Addressable RGB Pin Header
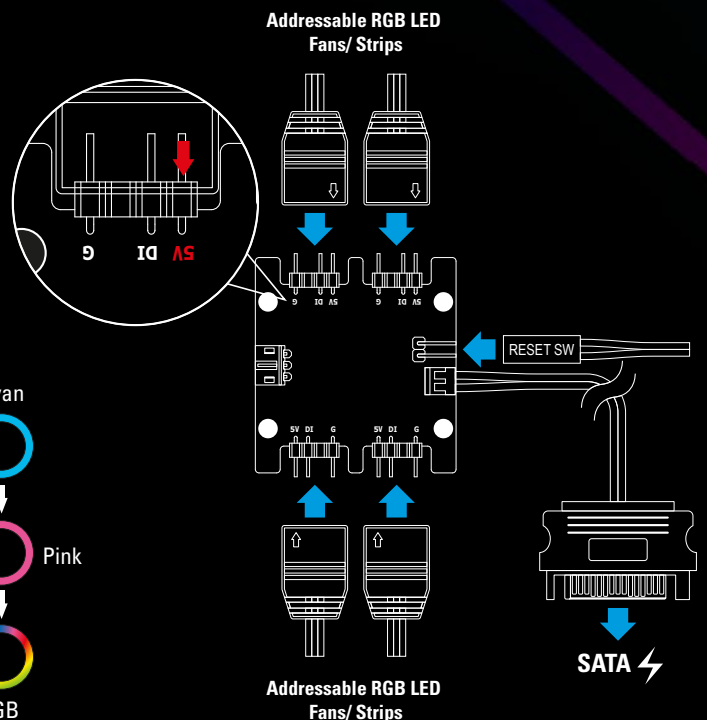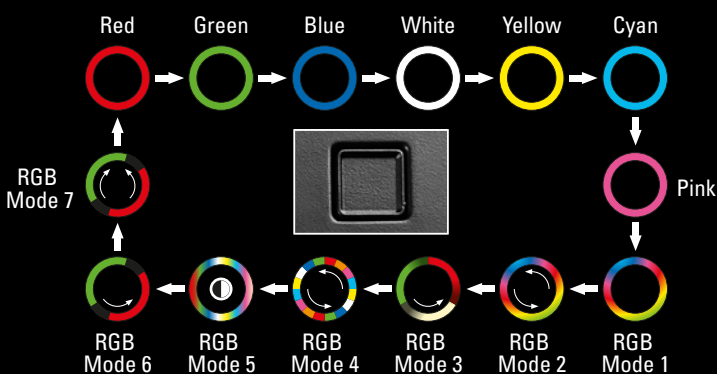
+5V D ⊕
ADD_HEADER   or   V D G

VDG

The RGB LIT 100 comes with a pre-installed addressable RGB controller. With compatible mainboards, this will function as a hub for controlling and synchronizing up to four addressable LED components, which will illuminate in up to 16.8 million colors. The controller is connected to the power supply via a SATA connector and to a mainboard via a 4-pin or 3-pin header for addressable LEDs with the pinout: 5V-D-coded-G or V-D-G.

ADDRESSABLE
RGB

MANUAL COLOR CONTROL

The RGB LIT 100 also has a manual color control function for mainboards which do not have headers for addressable LED components. With this, the RGB controller is not connected to the mainboard, but rather connected to the power supply and the reset switch of the PC case. The switch's reset function is then replaced with a new function which allows up to fourteen lighting modes to be cycled through and selected, or, if desired, the lighting can be turned off.

Addressable RGB LED Fans/ Strips

5V DI G

5V DI G   5V DI G

RESET SW

SATA ⚡

Addressable RGB LED Fans/ Strips

Red → Green → Blue → White → Yellow → Cyan

RGB Mode 7

Pink

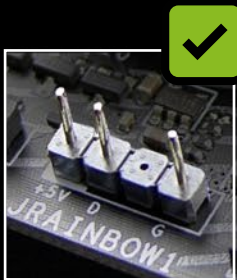RGB Mode 6 ← RGB Mode 5 ← RGB Mode 4 ← RGB Mode 3 ← RGB Mode 2 ← RGB Mode 1
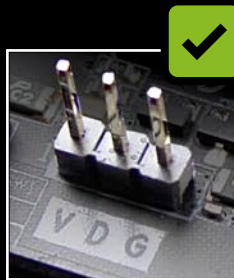
EASY TO INTEGRATE

The RGB LIT 100 case, along with all other Sharkoon products marked with the Addressable RGB logo, are certified for Asus Aura Sync, MSI Mystic Light Sync, Gigabyte Fusion and ASRock Polychrome SYNC.
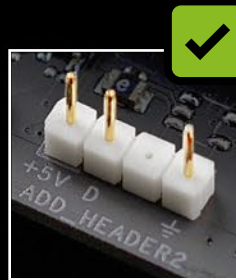

Sharkoon products marked with the "ADDRESSABLE RGB" logo are compatible with mainboards which have headers for addressable RGB LED fans and strips. The headers should have the pin configuration 5V-D-coded-G or 5V-D-G. Examples of these RGB connections from the most important mainboard manufacturers are shown below. The RGB pin configuration is independent of manufacturer. However, the naming and marking of these connections may vary between manufacturers. For further information concerning compatibility, refer to the manual of your mainboard, or visit the manufacturer's website.
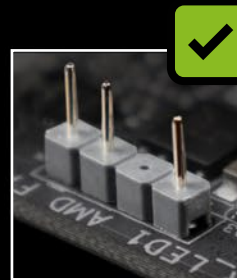

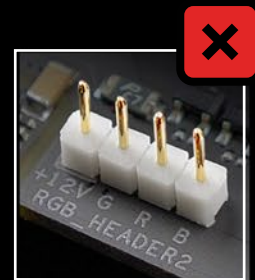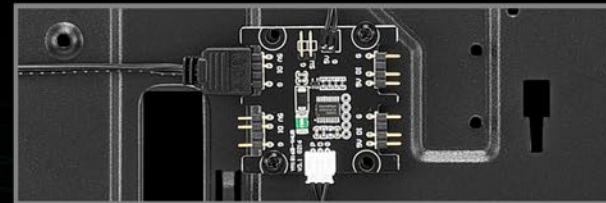**MSI**   **GIGABYTE**   **ASUS**   **ASROCK**   **ASUS**

SYSTEMATIC ARRANGEMENT

43.6 cm

15.7 cm

Max. Length
Graphics Card: 35 cm

48.1 cm

SSD   SSD

In addition to breathtaking looks, the RGB LIT offers a sophisticated functionality with various cable pass-throughs, a practical power supply tunnel and dust filters behind each air intake.

SSD

SSD

SSD   SSD

HDD/SSD

HDD/SSD

Max. Length
Power Supply: 21.5 cm
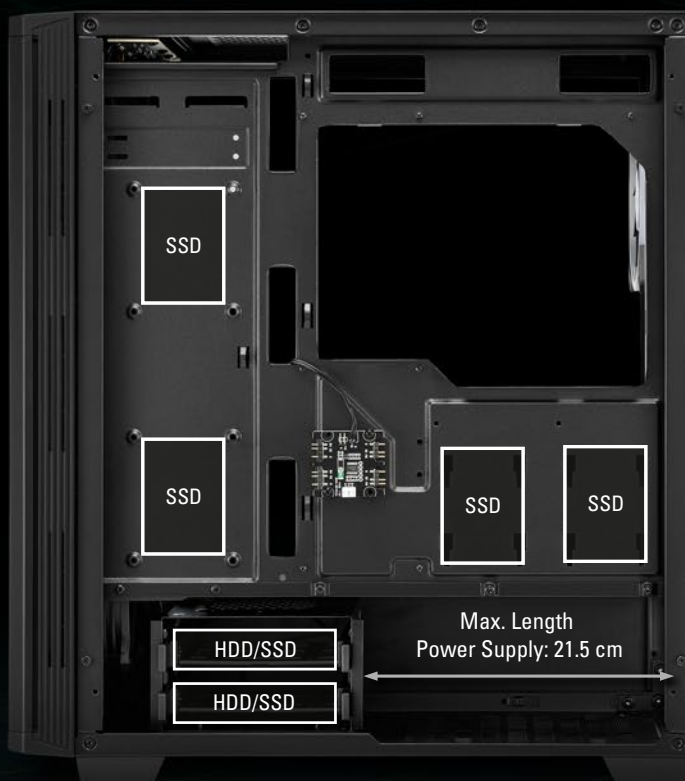
Removable Dust Filters

4-Port Addressable RGB Controller

Removable HDD/SSD Cage

Extra-Long Thumbscrew Slots for the
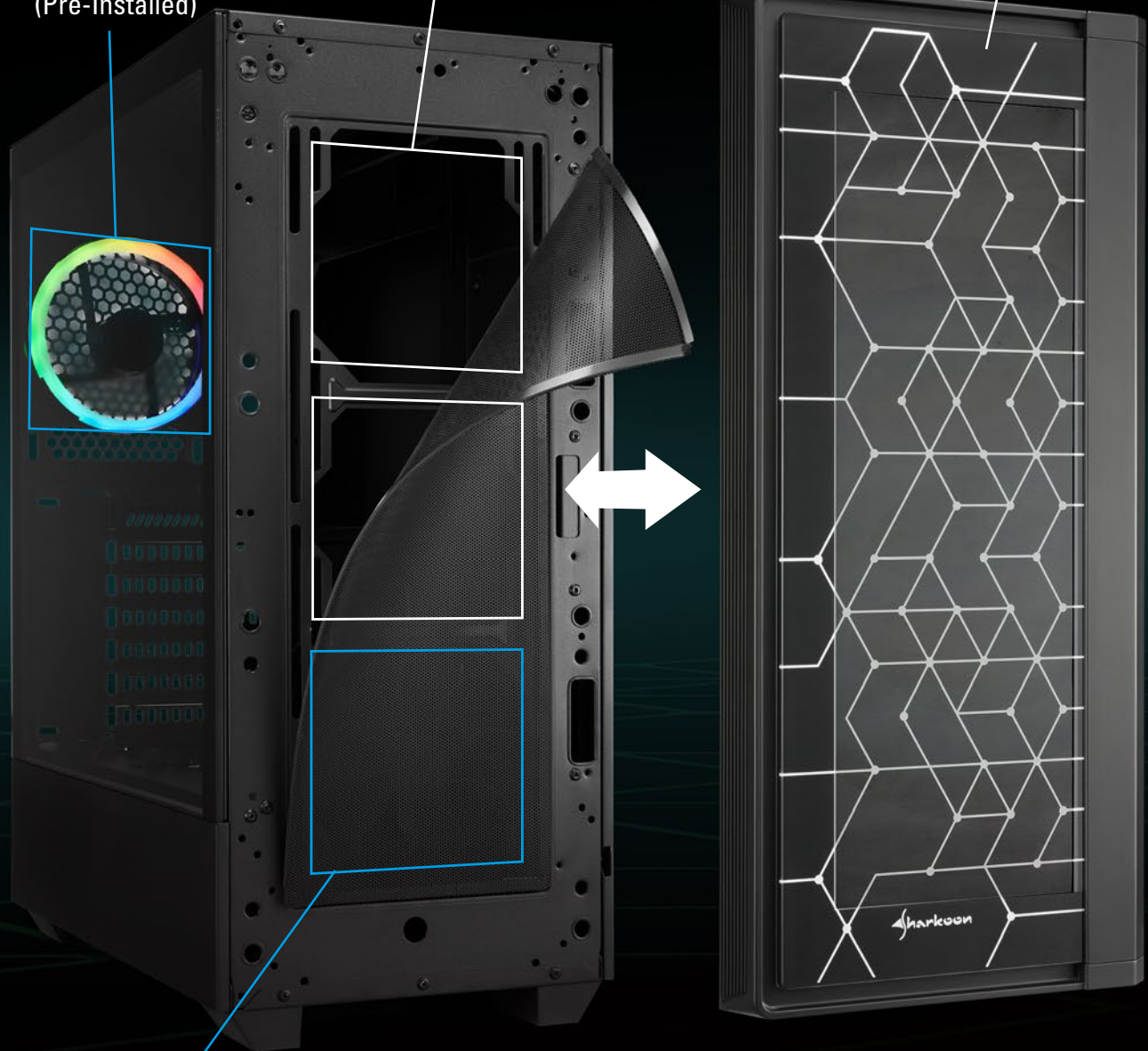Flexible Positioning of the HDD/SSD Cage

Stable Case Feet

OPTIMAL AIRFLOW

1x 120 mm
Addressable
RGB Fan
(Pre-Installed)

Optional Installation
Possibilities:
2x 120 mm Fans

Detachable Front Panel

1 x 120 mm Fan
(Pre-Installed)

A 120 mm fan is installed behind the eye-catching front panel, providing airflow through the vertical air intakes on each side of the panel. A further 120 mm fan in the rear completes the airflow. Because the rear fan is always clearly visible, it has been equipped with addressable RGB lighting, which atmospherically complements both the side and the front lighting. Even more can be made of the RGB LIT by installing up to four more fans: two of them in the front and two in the top of the housing. Alternatively, water cooling is also possible. For this, 6.4 cm in the front and 5.5 cm in the top of the case are already provided for a radiator including fans.

ADAPTABLE HDD/SSD CAGE

Removable HDD/SSD Cage

Decoupled Mounting for
Noise Reduction from Vibration

If you have a lot of data, the RGB LIT makes no compromises. The case can house up to six SSDs, which can be mounted on the power supply tunnel or behind the mainboard tray. In the tunnel, the HDD/SSD cage offers space for either two more SSDs or two 3.5" hard drives. If a particularly large amount of power supply cables has to be accommodated, the cage can be easily removed.

SPECIFICATIONS

General:

■ Form Factor:	ATX
■ Expansion Slots:	7
■ Interior Painting:	✓
■ Tool-Free Devices Installation:	✓
■ Cable Management System:	✓
■ Side Panel:	Tempered Glass
■ Weight:	6.7 kg
■ Dimensions (L x W x H):	43.6 x 20.6 x 48.1 cm

RGB Compatibility:

■ Type:	Addressable
■ Ports:	4
■ Manual Control:	14 Modes
■ Mainboard Compatibility:	MSI Mystic Light Sync, ASUS Aura Sync, Gigabyte RGB Fusion Ready, ASRock Polychrome SYNC
■ RGB Pinout:	5V-D-G & 5V-D-coded-G

I/O:

■ USB 3.0 (Top):	2
■ USB 2.0 (Top):	1
■ Audio (Top):	✓

Maximum Drive Bays:

■ 3.5":	2
■ 2.5":	6

Fan Configuration:

■ Front Panel:	1x 120 mm Fan (Pre-Installed) 2x 120 mm Fan (Optional)
■ Rear Panel:	1x 120 mm Addressable RGB Fan (Pre-Installed)
■ Top Panel:	2x 120 mm or 2x 140 mm Fans (Optional)

Compatibility:

■ Mainboard:	Mini-ITX, Micro-ATX, ATX
■ Max. Length Graphics Cards:	35 cm
■ Max. Height CPU Cooler:	15.7 cm
■ Max. Length Power Supply:	21.5 cm
■ Max. Height Radiator incl. Fan (Front):	6.4 cm
■ Max. Height Radiator incl. Fan (Top):	5.5 cm
■ Radiators (Optional):	Up to 360 mm (Front Panel) Up to 280 mm (Top Panel)

Package Contents:

- ■ RGB LIT 100
- ■ Accessory Set
- ■ Manual

RGB LIT 100
ATX PC CASE

www.sharkoon.com