

PROTECTIVE HARD CASE



RHINOVO
Strong Body Creative Mind.

2026
Service • Quality • Innovation



WHO WE ARE

Engineering-Driven Manufacturing for Protective Solutions

Mold Development

We develop precision molds in-house, ensuring structural accuracy, consistency, and reliable performance from the very beginning.



Hard Case Manufacturing

We manufacture durable, impact-resistant, and waterproof hard cases, engineered to perform in demanding environments.



Component Manufacturing

With experience in audio and video equipment manufacturing, we understand the need for precision and protection in professional applications.



MANUFACTURING CAPABILITIES



Mold Development

In-house mold design and development for precise structure control.



Injection Molding

Advanced injection molding ensures durability and consistency.



Case Assembly

Structured assembly process for stable and reliable build quality.



Foam Processing

Custom foam solutions using EVA, PE, HDF, and precision CNC cutting.



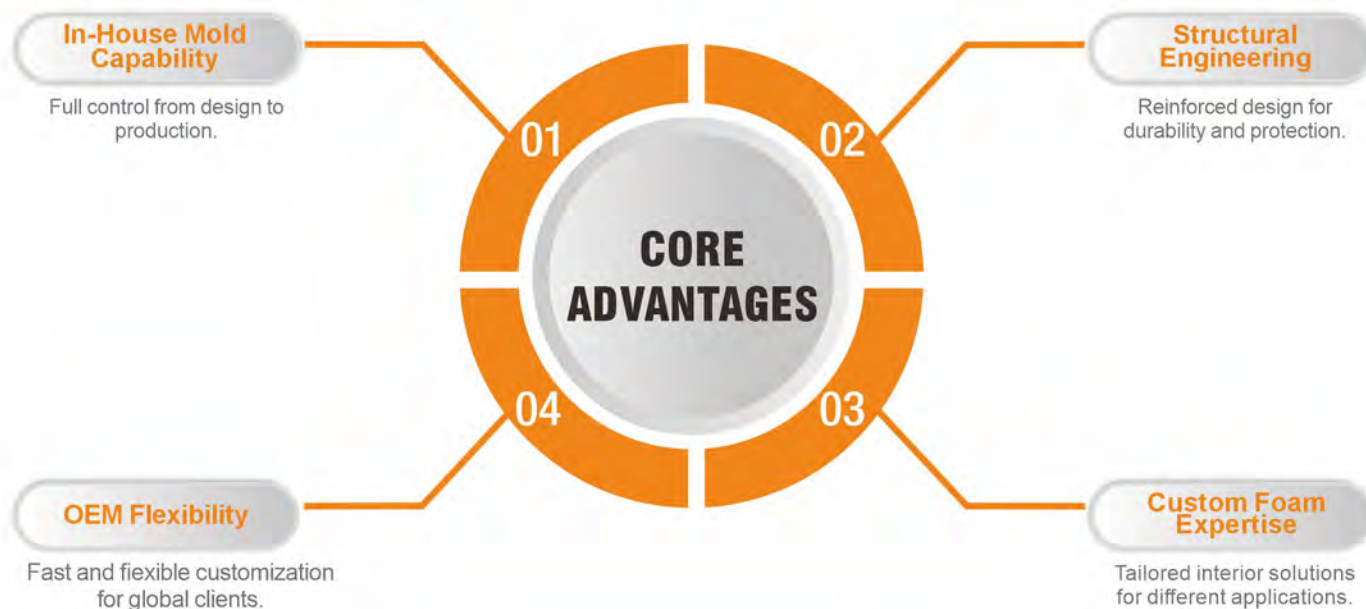
Quality Control

Multi-stage quality inspection for consistent performance.



OEM & Customization

Flexible OEM options including color, branding, and packaging.



MATERIALS & RELIABILITY TESTING

Designed and tested for reliable performance in demanding environments

Materials

Made from durable PP (polypropylene) engineering plastic, offering reliable impact resistance and structural strength. Compliant with REACH and RoHS standards.



Compression Test

Tested for load-bearing capacity to ensure the case maintains its shape and protects contents under pressure.



Waterproof Test

Tested for sealing performance to ensure reliable protection under water exposure.



Temperature Test

Tested under extreme temperature conditions to ensure stable performance in both high and low environments.



Drop Test

Tested for impact resistance during accidental drops.

PRODUCT SOLUTIONS

Flexible solutions to meet professional equipment protection and customization needs



Standard Case

Ready-to-use standard hard cases for immediate deployment.



Empty Case

Hard cases without inserts, allowing flexible internal configuration.



Case with Custom Inserts

Tailored inserts designed for specific equipment, ensuring secure fit and protection.



OEM / ODM & Private Label

Custom branding, color, and packaging solutions to meet global client requirements.

Customization Process

To help you better choose the right product lining material



Requirement & Design

Define product requirement, design protection tailor to your items.



Engineering Prototype

Mold development, sample production, and testing to ensure fit, function, and durability.



Production & Processing

Case manufacturing and foam insert processing using multiple methods for consistent quality.



Assembly & Delivery

Final assembly, quality inspection, and packaging before shipment.

FOAM SOLUTIONS



Material Comparison Table:

To help you better choose the right product lining material

Foam Type	Density	Price	Impact Resistance	Scratch Resistance	Flexibility	Typical Applications
HDF	★★	★★	★	★★★★★	★★★★★	High-gloss surfaces instrument protection
EVA	★★★★★	★★★★	★★★★★	★	★★	Power tools, camera hard cases, heavy equipment
EPE	★	★	★★★★	★★★★	★★★★★	Small appliance, e-commerce padding, lightweight goods
Cubed HDF	★★	★★	★★★★	★★★★	★★★★★	Custom tool cases, drones, irregular-shaped gear
XPE	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	Premium electronics, medical devices, cosmetics
Padded Divider (EPE core)	★	★★	★★★★	★★★★★	★★★★★	Soft bags, camera accessories, consumer electronics
Padded Divider (EVA core)	★★★	★★★★	★★★★	★★★★★	★★★	Semi-rigid cases, tool organizers, general equipment
EVA Divider (Wood /PVC) core	★★★★★	★★★★★	★★★★★	★★★★	★	Industrial instrument cases, heavy-duty shipping
EVA + HDF (Mixed)	★★★★★	★★★★★	★★★★★	★★★★★	★★★	High-end camera cases, luxury packaging
Custom Design	Varies	Customizable	Customizable	Customizable	Customizable	Tailored solutions for mission-critical equipment, mixed product sets

SMALL HARD CASE



RX-HC2618

Small Hard Case



AT A GLANCE



Compact & Robust



Shockproof



Lightweight



IP67 Waterproof

RX-HCV3

Small Hard Case



RX-HC2212

Small Hard Case



CASE STUDIES



Drones & Accessories
Custom Mixed Foam Insert



Smaller Cameras & Lens
Pre-scored Pick & Pluck Foam



Action Cameras, Electronics
DIY Padded Organizer



Fast Customization



Shipping Friendly



REACH / RoHS Certified



Durable & Reliable

STANDARD FEATURES

- 1-Strengthen PP
- 2-O-ring Seal Waterproof(IP67)
- 3-Enhanced Hinge
- 4-Air Valve
- 5-Anti-Slip Handle
- 6-Patented Latches
- 7-Molded-in Strap Anchor



RX-HC2618

Small Hard Case



Outer dimensions:	290mm x 233mm x 126.5mm 11.42" x 9.17" x 4.98"
Inner dimensions:	260mm x 185mm x 115mm 10.24" x 7.28" x 4.53"
Lid depth:	35mm 1.38"
Base depth:	80mm 3.15"
Weight:	1.0kg
Shell thickness:	3.7mm
Color:	Black

UNIQUE FEATURES



Patented Latches



Molded-in Strap Anchor



Optional Accessory

STANDARD FEATURES

1-Compression Latches

2-ABS

3-Enhanced Hinge

4-O-ring Seal Waterproof(IP67)

5-Air Valve

6-Molded-in Hanger

7-Metal-lined Carabiner Loop



RX-HC2212

Small Hard Case



Outer dimensions : 251mm x 156mm x 74.5mm
9.88" x 6.14" x 2.93"

Inner dimensions: 222mm x 126mm x 66.5mm
8.74" x 4.96" x 2.62"

Lid depth: 21.5mm | 0.85"

Base depth: 45mm | 1.77"

Weight: 0.4kg

Shell thickness: 3mm

Color: Black

UNIQUE FEATURES



Metal-lined Loop



Molded-in Hanger



Optional Accessories

STANDARD FEATURES

1-Compression Latches

2-Strengthen PP

3-O-ring Seal Waterproof(IP67)

4-Enhanced Hinge

5-Foldable Handle



RX-HCV3

Small Hard Case



Outer dimensions : 296mm x 266mm x 142mm
11.65" x 10.47" x 5.59"

Inner dimensions: 275mm x 225mm x 130mm
10.83" x 8.86" x 5.12"

Lid depth: 35mm | 1.38"

Base depth: 95mm | 3.74"

Weight: 1.18kg

Shell thickness: 3.7mm

AVAILABLE COLORS



Black



Yellow



Khaki Sand



Blue



Green

MEDIUM CARRY CASE

RX-HC3226

Medium Carry Case



AT A GLANCE



Compact & Robust



Shockproof



Heavy-Duty



IP67 Waterproof



Strengthen PP

RX-HC3226H

Medium Carry Case



RX-HC3527

Medium Carry Case



RX-HC3929

Medium Carry Case



SERIES HIGHLIGHTS



Patented Double-throw
Latches



Overlapping Lid



Anti-slip Handle



Metal-lined Padlock
Holes



Fast Customization



Shipping Friendly



REACH / RoHS Certified



Durable & Reliable

MEDIUM SERIES 3226

STANDARD FEATURES

- 1-Strengthen PP
- 2-O-ring Seal Waterproof(IP67)
- 3-Enhanced Hinge
- 4-Metal-lined Padlock Holes
- 5-Patented Latches
- 6-Air Valve
- 7-Anti-Slip Handle



RX-HC3226

Medium Carry Case



Outer dimensions :	357mm x 328mm x 132mm 14.06" x 12.91" x 5.2"
Inner dimensions:	325mm x 265mm x 120mm 12.8" x 10.43" x 4.72"
Lid depth:	30mm 1.18"
Base depth:	90mm 3.54"
Weight:	1.8kg
Shell thickness:	3.8mm

AVAILABLE COLORS



Black



Olive Green

MEDIUM SERIES 3226H

STANDARD FEATURES

- 1- Strengthen PP
- 2- O-ring Seal Waterproof(IP67)
- 3- Enhanced Hinge
- 4- Metal-lined Padlock Holes
- 5- Patented Latches
- 6- Air Valve
- 7- Anti-Slip Handle



RX-HC3226H

Medium Carry Case



Outer dimensions :	357mm x 328mm x 190mm 14.06" x 12.91" x 7.48"
Inner dimensions:	325mm x 265mm x 180mm 12.8" x 10.43" x 7.09"
Lid depth:	30mm 1.18"
Base depth:	150mm 5.91"
Weight:	2.05kg
Shell thickness:	3.8mm

AVAILABLE COLORS



Black



Yellow Handle & Latches

MEDIUM SERIES 3527

STANDARD FEATURES

- 1- Strengthen PP
- 2- O-ring Seal Waterproof(IP67)
- 3- Enhanced Hinge
- 4- Metal-lined Padlock Holes
- 5- Patented Latches
- 6- Air Valve
- 7- Anti-Slip Handle



RX-HC3527

Medium Carry Case



Outer dimensions :	382mm x 333mm x 150mm 15.04" x 13.11" x 5.91"
Inner dimensions:	350mm x 270mm x 135mm 13.78" x 10.63" x 5.31"
Lid depth:	35mm 1.38"
Base depth:	100mm 3.94"
Weight:	1.96kg
Shell thickness:	3.8mm

AVAILABLE COLORS



Black



Olive Green

MEDIUM SERIES 3929

STANDARD FEATURES

- 1- Strengthen PP
- 2- O-ring Seal Waterproof(IP67)
- 3- Enhanced Hinge
- 4- Metal-lined Padlock Holes
- 5- Patented Latches
- 6- Air Valve
- 7- Anti-Slip Handle



RX-HC3929

Medium Carry Case



Outer dimensions :	428mm x 362mm x 175mm 16.85" x 14.25" x 6.89"
Inner dimensions:	390mm x 295mm x 163mm 15.35" x 11.61" x 6.42"
Lid depth:	33mm 1.3"
Base depth:	130mm 5.12"
Weight:	2.75kg
Shell thickness:	4.3mm

AVAILABLE COLORS



Black



Olive Green

LARGE CARRY CASE



RX-HC5036

Large Carry Case



RX-HC5229

Large Carry Case



AT A GLANCE



IP67 Waterproof & Dustproof



Patented Double-throw Latches



Heavy-duty Protection



Large Capacity



High Temperature test 60°



Low Temperature test -40°



REACH & RoHS Compliance



Overlapping Lid Design

CASE STUDIES



Professional Photo
& Video Gear



Travel Tools & Equipments



Flexible Use with
Divider Organizers



Fast Customization



Versatile Interior Options



REACH / RoHS Certified



Durable & Reliable

LARGE CARRY CASE SERIES 5036

STANDARD FEATURES

- 1- Strengthen PP
- 2- O-ring Seal Waterproof(IP67)
- 3- Enhanced Hinge
- 4- Metal-lined Padlock Holes
- 5- Air Valve
- 6- Patented Latches
- 7- Anti-Slip Handle



RX-HC5036

Large Carry Case



Outer dimensions :	529mm x 415mm x 135mm 20.83" x 16.34" x 5.31"
Inner dimensions:	500mm x 360mm x 85mm 19.69" x 14.17" x 3.35"
Lid depth:	35mm 1.38"
Base depth:	85mm 3.35"
Weight:	3.3kg
Wall thickness:	4.3mm
Color:	Black

KEY FEATURES



Auto Air Valve



Ergonomic Handle



Double-throw Latches

LARGE CARRY CASE SERIES 5229

STANDARD FEATURES

- 1-Strengthen PP
- 2-Molded-in Boss
- 3-O-ring Seal Waterproof(IP67)
- 4-Enhanced Hinge
- 5-Patented Latches
- 6-Air Valve
- 7-Anti-Slip Handle
- 8-Metal-lined Padlock Holes



RX-HC5229

Large Carry Case



Outer dimensions :	560mm x 355mm x 200mm 22.05" x 13.98" x 7.87"
Inner dimensions:	525mm x 291mm x 185mm 20.67" x 11.46" x 7.28"
Lid depth:	50mm 1.97"
Base depth:	135mm 5.31"
Weight:	3.75kg
Shell thickness:	4.6mm

AVAILABLE COLORS



Black



Orange



Grey

LARGE TROLLEY CASE



RX-TC5229

Large Trolley Case



RX-TC5236

Large Carry Case



AT A GLANCE



IP67 Waterproof & Dustproof



Patented Double-throw Latches



Heavy-duty Protection



Large Capacity



High Temperature test 60°



Low Temperature test -40°



REACH & RoHS Compliance



Overlapping Lid Design

SERIES HIGHLIGHTS



Telescoping Handle



Silent-Glide Wheels
with Bearings



Upright Design



Fast Customization



In Stock



REACH / RoHS Certified



Durable & Reliable

LARGE TROLLEY SERIES 5229

STANDARD FEATURES

- 1-Strengthen PP
- 2-O-ring Seal Waterproof(IP67)
- 3-Enhanced Hinge
- 4-Quiet-roll Wheels
- 5-Reinforced Padlock Holes
- 6-Air Valve
- 7-Anti-Slip Handle
- 8-Patented Latches
- 9-Telescoping Handle



RX-TC5229

Large Trolley Case



Outer dimensions :	565mm x 355mm x 230mm 22.24" x 13.98" x 9.06"
Inner dimensions:	525mm x 291mm x 185mm 20.67" x 11.46" x 7.28"
Lid depth:	50mm 1.97"
Base depth:	135mm 5.31"
Weight:	5.9kg
Shell thickness:	4.6mm

AVAILABLE COLORS



Black

Khaki Sand

Grey

Olive Green

Grass Green

Blue

Orange

Yellow

LARGE TROLLEY SERIES 5236

STANDARD FEATURES

- 1-Strengthen PP
- 2-O-ring Seal Waterproof(IP67)
- 3-Enhanced Hinge
- 4-Reinforced Padlock Holes
- 5-Quiet-roll Wheels
- 6-Air Valve
- 7-Anti-Slip Handle
- 8-Patented Latches
- 9-Telescoping Handle



RX-TC5236

Large Trolley Case



Outer dimensions :	602mm x 424mm x 300mm 23.7" x 16.69" x 11.81"
Inner dimensions:	525mm x 360mm x 258mm 20.67" x 14.17" x 10.16"
Lid depth:	48mm 1.89"
Base depth:	210mm 8.27"
Weight:	7.2kg
Shell thickness:	4mm

AVAILABLE COLORS



Black



Olive Green

HEAVY-DUTY EQUIPMENT CASE

RX-HCR1

Heavy-Duty Equipment Case



AT A GLANCE



IP67 Waterproof & Dustproof



Double-throw Latches



Enhanced Impact-resist Design



Metal-lined Padlock Holes



High Temperature test 60°



Low Temperature test -40°



REACH & RoHS Compliance

RX-HCR2

Heavy-Duty Equipment Case



RX-HCR3

Heavy-Duty Equipment Case



RX-HCR4

Heavy-Duty Equipment Case



CASE STUDIES



TACTICAL GEARS
CNC EVA Foam Insert



Machine or Auto Parts
Custom-Cut EPE



Mobile Work Station
Custom Solution



Fast Customization



Heavy-Duty Design



REACH / RoHS Certified



Durable & Reliable

STANDARD FEATURES

- 1- Strengthen PP
- 2- Molded-in Screw Boss
- 3- O-ring Seal Waterproof(IP67)
- 4- Connection Window
- 5- Reinforced Padlock Holes
- 6- Patented Latches
- 7- Anti-Slip Handle



RX-HCR1

Heavy-Duty Equipment Case



Outer dimensions :	430mm x 360mm x 206mm 16.93" x 14.17" x 8.11"
Inner dimensions:	391mm x 289mm x 190mm 15.39" x 11.38" x 7.48"
Lid depth:	40mm 1.57"
Base depth:	150mm 5.91"
Weight:	2.9kg
Shell thickness:	4.5mm
Waterproof:	N/A
Color:	Black

MIXER / EQUIPMENT CASE



STANDARD FEATURES

- 1- Strengthen PP
- 2- Molded-in Screw Boss
- 3- O-ring Seal Waterproof (IP67)
- 4- Enhanced Hinge
- 5- Reinforced Padlock Holes
- 6- Patented Latches
- 7- Air Valve
- 8- Anti-Slip Handle



RX-HCR2

Heavy-Duty Equipment Case



Outer dimensions : 430mm x 360mm x 206mm
16.89" x 14.17" x 8.11"

Inner dimensions: 391mm x 289mm x 190mm
15.39" x 11.38" x 7.48"

Lid depth: 40mm | 1.57"

Base depth: 150mm | 5.91"

Weight: 3.1kg

Shell thickness: 4.5mm

AVAILABLE COLORS



Black



Olive Green

STANDARD FEATURES

- 1- Strengthen PP
- 2- Molded-in Screw Boss
- 3- O-ring Seal Waterproof(IP67)
- 4- Enhanced Hinge
- 5- Reinforced Padlock Holes
- 6- Patented Latches
- 7- Air Valve
- 8- Anti-Slip Handle



RX-HCR3

Heavy-Duty Equipment Case



Outer dimensions :	419mm x 349mm x 149mm 16.5" x 13.74" x 5.87"
Inner dimensions:	385mm x 285mm x 135mm 15.16" x 11.22" x 5.31"
Lid depth:	30mm 1.38"
Base depth:	100mm 3.94"
Weight:	2.5kg
Shell thickness:	4.2mm

AVAILABLE COLORS



Black



Yellow



Blue

STANDARD FEATURES

- 1- Strengthen PP
- 2- Molded-in Screw Boss
- 3- O-ring Seal Waterproof(IP67)
- 4- Enhanced Hinge
- 5- Reinforced Padlock Holes
- 6- Patented Latches
- 7- Air Valve
- 8- Anti-Slip Handle



RX-HCR4

Heavy-Duty Equipment Case



External dimensions :	362mm x 310mm x 174mm 14.25" x 12.2" x 6.85"
Inner dimensions:	330mm x 250mm x 160mm 12.99" x 9.84" x 6.3"
Lid depth:	35mm 1.38"
Base depth:	125mm 4.92"
Weight:	2.35kg
Shell thickness:	4.5mm
Color:	Black

PRODUCT HIGHLIGHTS



TOOL CASE

RX-FA37

Tool Storage Box



AT A GLANCE



IP67 Waterproof & Dustproof



Heavy-duty Design



High Temperature test 60°



Low Temperature test -40°



REACH & RoHS Compliance

RX-FA41

Tool Storage Box



RX-FA47

Tool Storage Box



FEATURE OPTIONS



Standard Version



TSA Version



Air-Valve Version



3 Sizes to Choose



Configurable Features



Accessory Tray Optional



Fast Customization

STANDARD FEATURES

- 1**-Strengthen PP
- 2**-O-ring Seal Waterproof(IP67)
- 3**-Enhanced Hinge
- 4**-Portable Tray
- 5**-Patented Latches
- 6**-Air Valve
- 7**-Reinforced Padlock Holes
- 8**-Anti-Slip Handle



RX-FA37

Tool Storage Box



Outer dimensions :	408mm x 238mm x 193mm 16.06" x 9.37" x 7.6"
Inner dimensions:	372mm x 175mm x 160mm 14.65" x 6.89" x 6.3"
Lid depth:	25mm 0.984"
Base depth:	135mm 5.31"
Material:	PP
Water proof:	IP67
Weight:	2.35kg
Shell thickness:	4mm

AVAILABLE COLORS



Black



Grey



Olive Green



Khaki Sand

STANDARD FEATURES

- 1-Strengthen PP
- 2-O-ring Seal Waterproof(IP67)
- 3-Enhanced Hinge
- 4-Portable Tray
- 5-Patented Latches
- 6-Air Valve
- 7-Reinforced Padlock Holes
- 8-Anti-Slip Handle



RX-FA41

Tool Storage Box



Outer dimensions :	448mm x 268mm x 223mm 17.64" x 10.55" x 8.78"
Inner dimensions:	410mm x 205mm x 190mm 16.14" x 8.07" x 7.48"
Lid depth:	25mm 0.984"
Base depth:	165mm 6.5"
Material:	PP
Water proof:	IP67
Weight:	2.9kg
Shell thickness:	4mm

AVAILABLE COLORS



Black



Grey



Olive Green



Khaki Sand

STANDARD FEATURES

- 1**-Strengthen PP
- 2**-O-ring Seal Waterproof(IP67)
- 3**-Enhanced Hinge
- 4**-Portable Tray
- 5**-Patented Latches
- 6**-Air Valve
- 7**-Reinforced Padlock Holes
- 8**-Anti-Slip Handle



RX-FA47

Tool Storage Box



Outer dimensions : 498mm x 318mm x 233mm
19.61" x 12.52" x 9.17"

Inner dimensions: 462mm x 255mm x 205mm
18.19" x 10.04" x 8.07"

Lid depth: 25mm | 0.984"

Base depth: 180mm | 7.09"

Material: PP

Water proof: IP67

Weight: 3.55kg

Shell thickness: 4mm

AVAILABLE COLORS



Black



Grey



Olive Green



Khaki Sand

PRODUCT / TOOL SHIPPING CASE



RX-PCV1

Product / Tool Shipping Case



Outer dimensions : 530mm x 342mm x 134mm
20.87" x 13.46" x 5.28"

Inner dimensions: 511mm x 301mm x 125mm
20.12" x 11.85" x 4.92"

Lid depth: 25mm | 0.984"

Base depth: 100mm | 3.94"

Material: PP

Waterproof: N/A

Weight: 1.93kg

Shell thickness: 3mm

Color: Black / Yellow

RX-PCV2

Product / Tool Shipping Case



Outer dimensions : 445mm x 331mm x 110 mm
17.52" x 13.03" x 4.33"

Inner dimensions: 427mm x 292mm x 105mm
16.81" x 11.5" x 4.13"

Lid depth: 25mm | 0.984"

Base depth: 80mm | 3.15"

Material: PP

Waterproof: N/A

Weight: 1.4kg

Shell thickness: 3mm

Color: Black

CASE STUDIES

Microphone Sets - Secure foam interior keeps capsules and transmitter safe.

Audio/Video Equipment - Protective structure ideal for mixers, recorders.

Tool Sets - Lightweight yet sturdy for shipping and retail display.



Enping Shi Ruixin Plastic Products Co., Ltd.

Add: No. 118 Xinping Rd. S, Enping City, China

Website: www.rhinovocase.com



Alibaba Official Store



Official Website