LipRouter ® H9

PREMIER BONDING PERFORMANCE

Powered by
NAGASOFT

Built-in 5G SIM module

Embedded 3*5G SIM module+3*4G SIM module
*Premier edition

10 Channels bonding

5Gx3+4Gx3+USBx2+WiFi+Ethernet bonding
*Premier edition

10

Max 1,000 Mbps

Powerful bonding processing capacity
*Various bandwidth for different edition

1G

Built-in Lithium battery

14.8V 6000mAh 88.8Wh
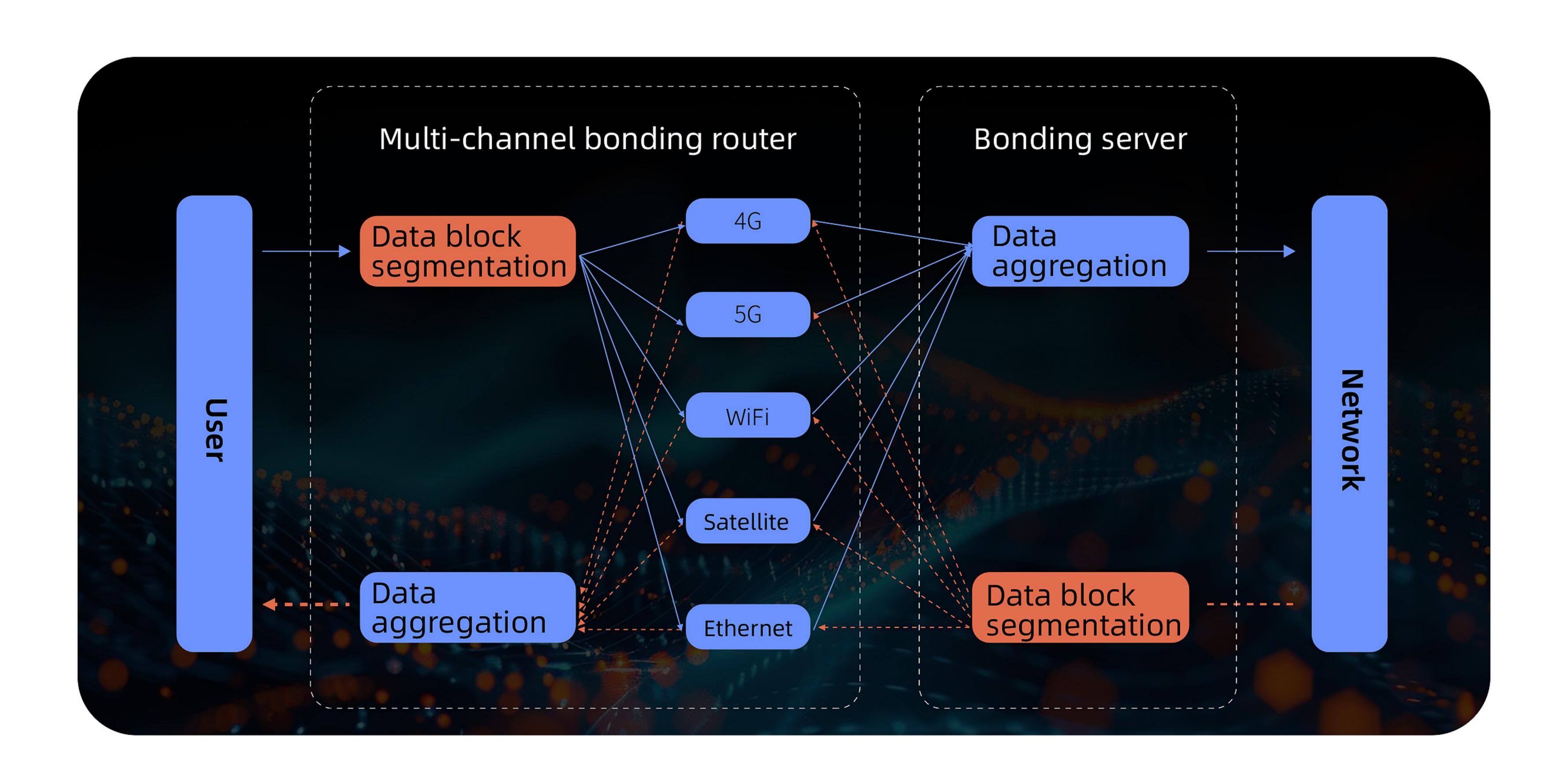*8 hours battery life in the laboratory test
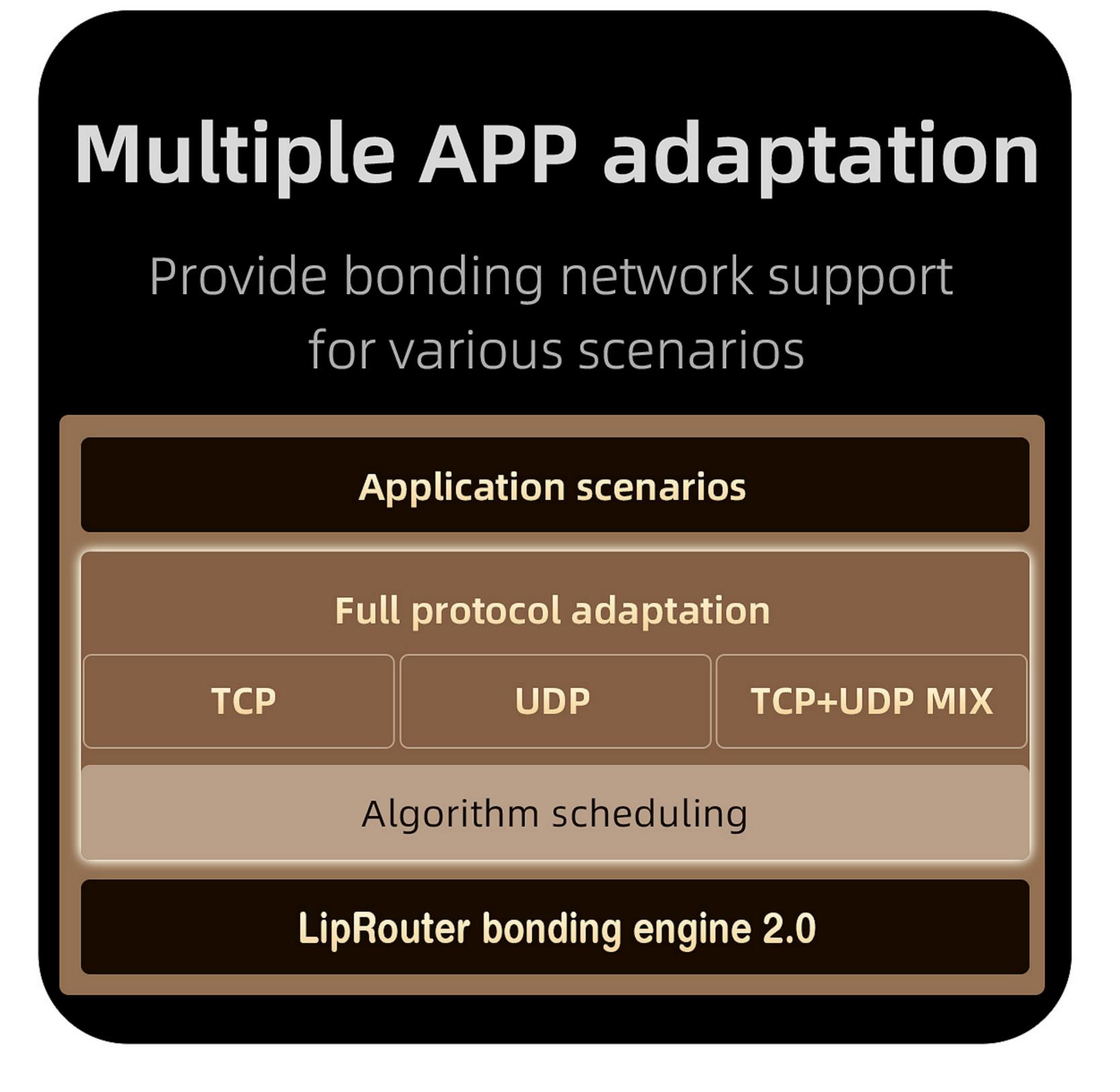
LipRouter bonding engine 2.0
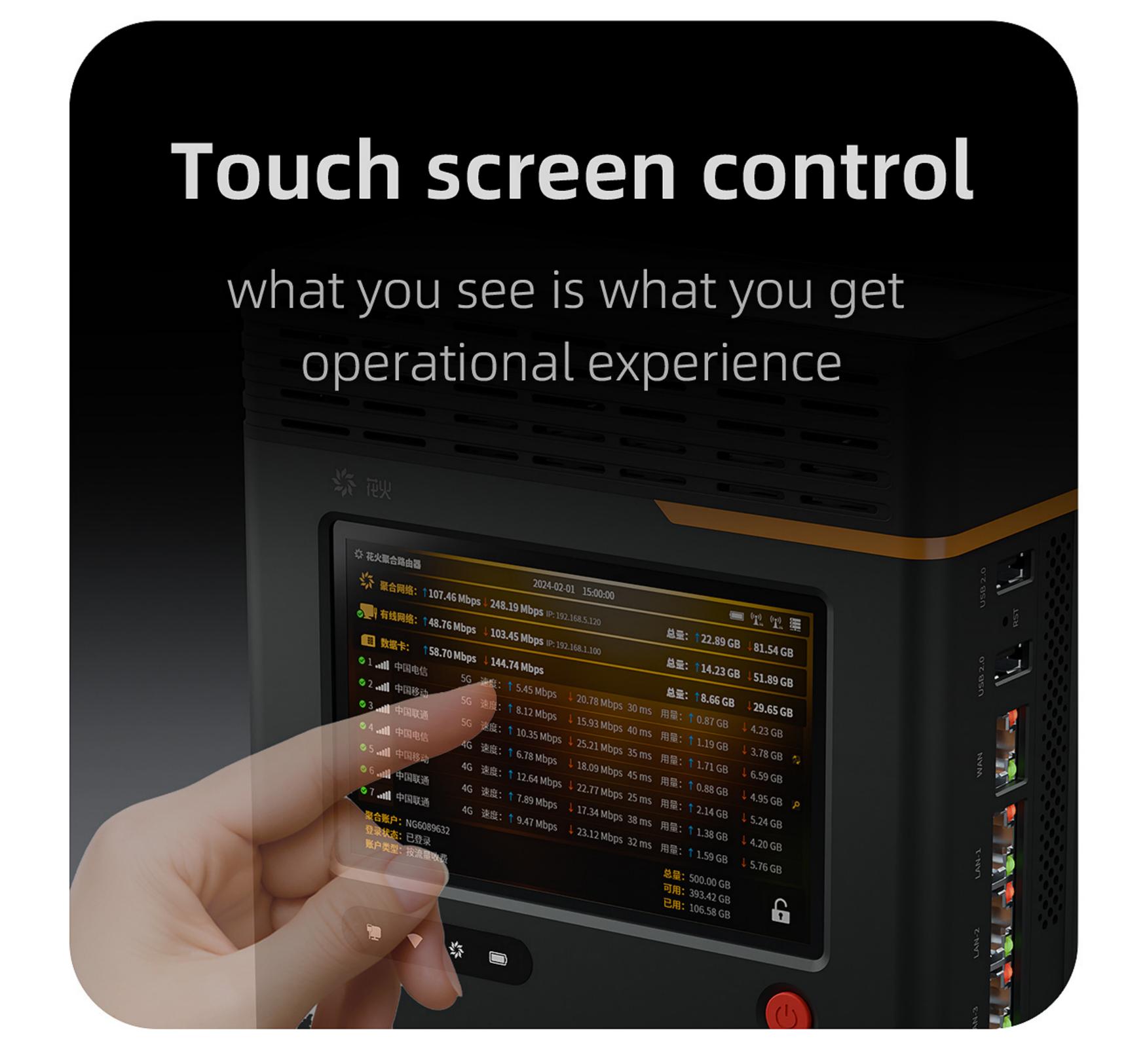
5-10 times performance improvement *

Maximum bonding power to 1000Mbps

*Compare to 1st generation of LipRouter H7 (100-200Mbps),
H9 offers more powerful bonding capacity (standard 500Mbps)

Multi-channel bonding router — Bonding server

User | Data block segmentation | 4G | 5G | WiFi | Satellite | Ethernet | Data aggregation | Network
Data aggregation | Data block segmentation

Congestion flow detection and unpacking optimization

Responsive data transmission and link usage
Efficient and stable network guarantee

50% 5% 5% 10% 20% 10%

Multiple APP adaptation

Provide bonding network support for various scenarios

Application scenarios		
Full protocol adaptation		
TCP	UDP	TCP+UDP MIX
Algorithm scheduling		
LipRouter bonding engine 2.0		

Touch screen control

what you see is what you get
operational experience

Safety protection

Preferred engineering box,
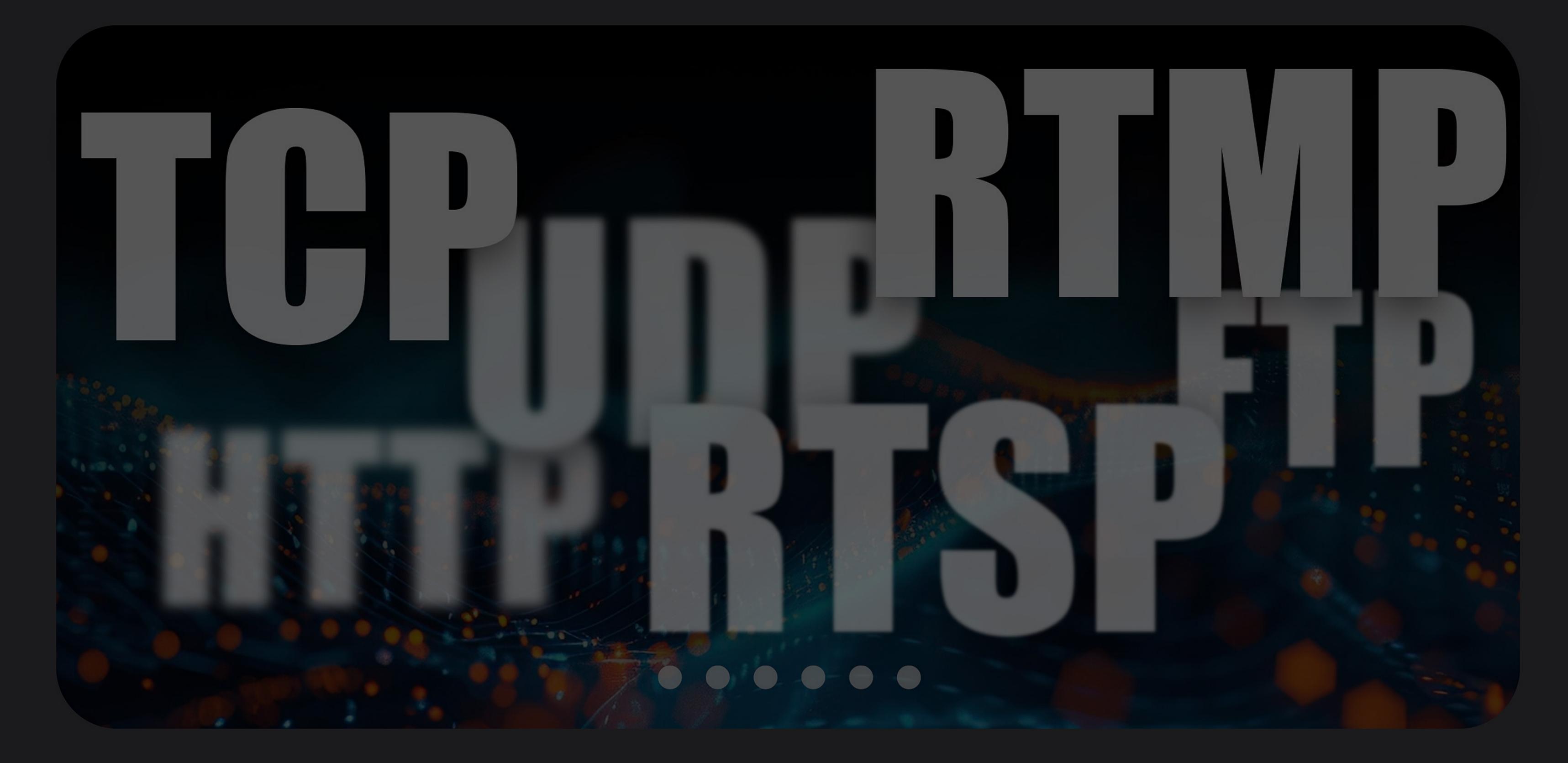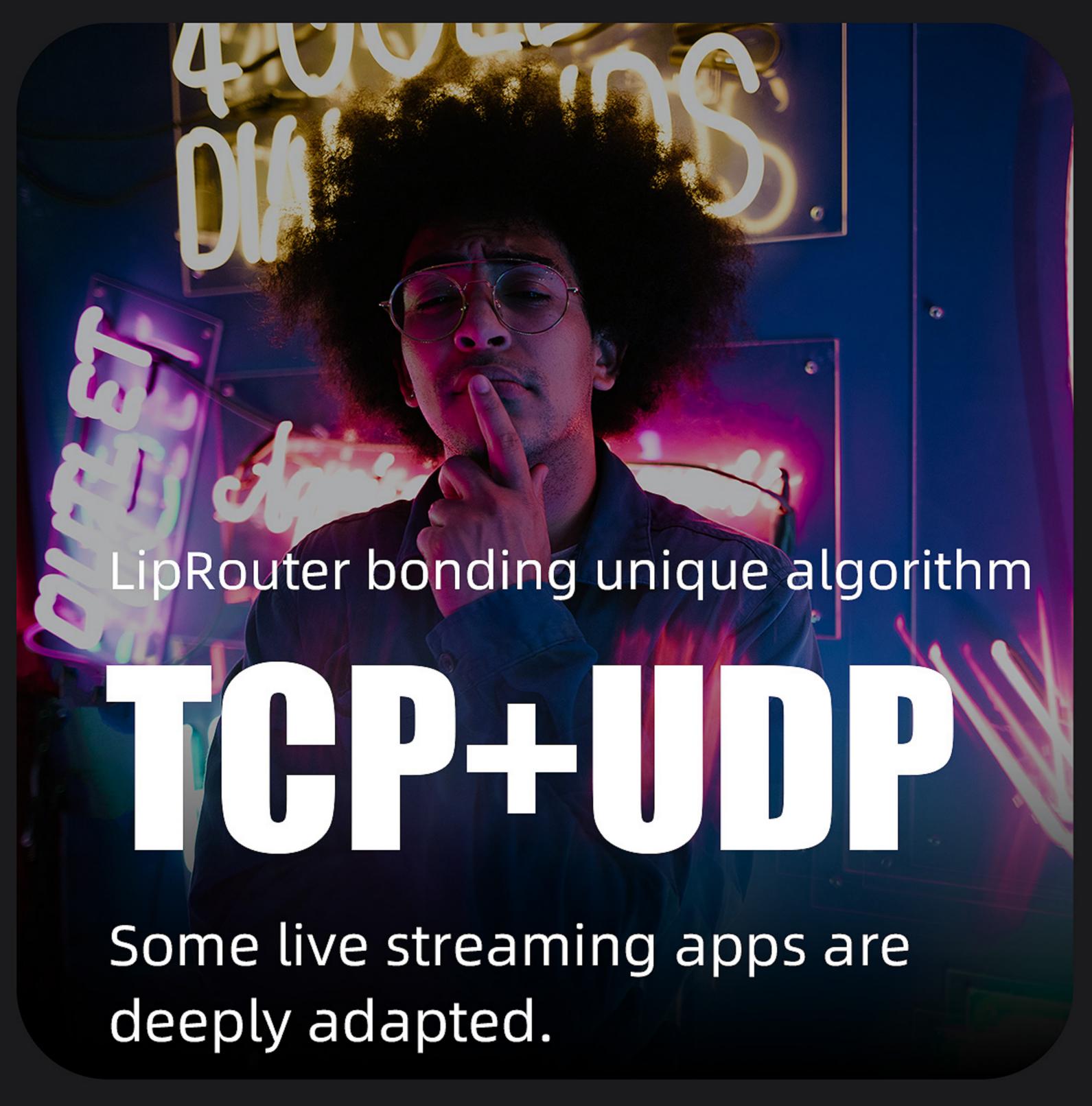reliable and portable

To create for a professional live streaming team

Performance improvement in multitasking scenarios

LipRouter bonding always cares about user experience and continues development and investment to ensure the optimization and upgrading of the LipRouter bonding system, adhering to a long-term approach to provide users with continuous support.
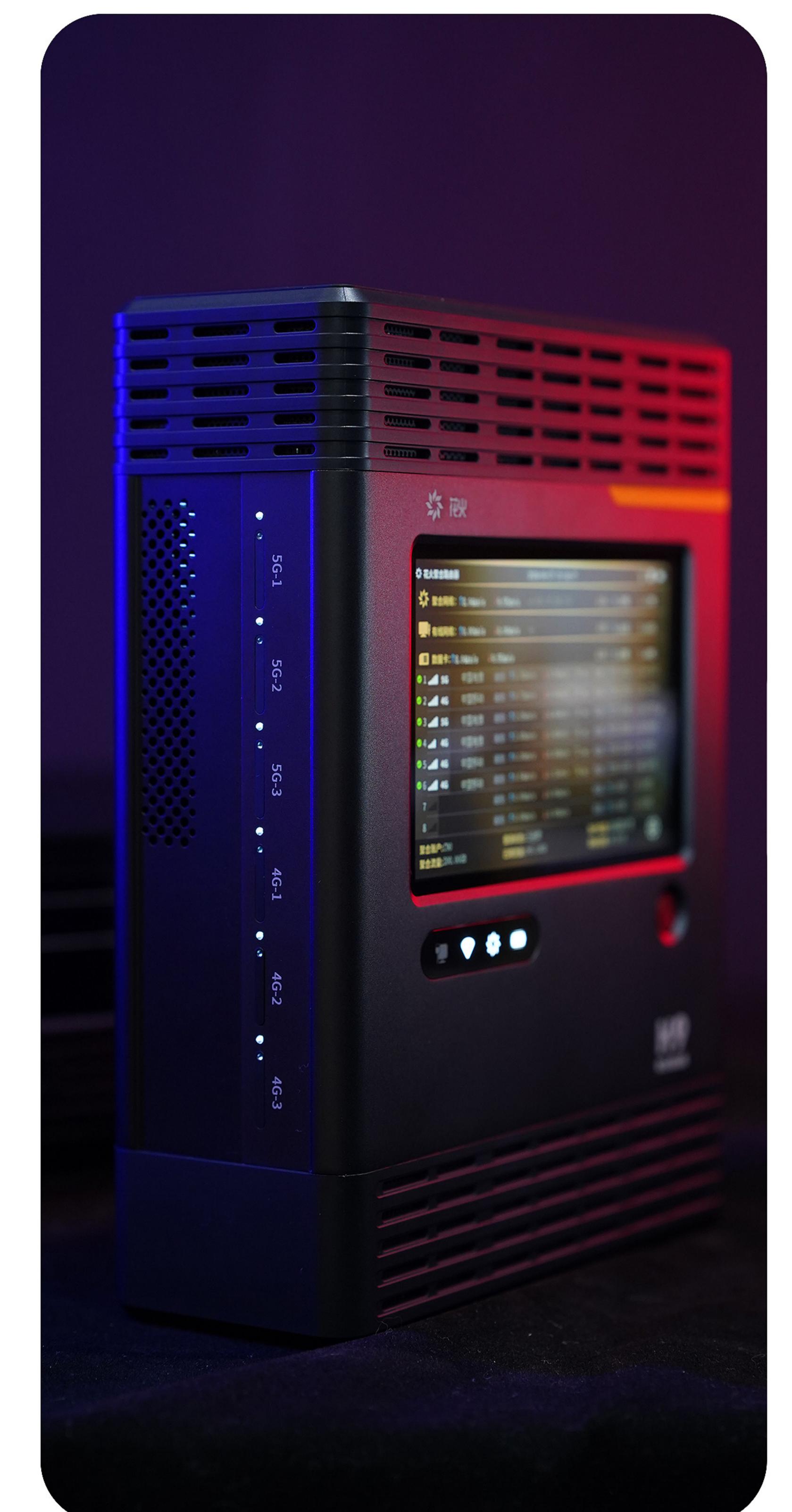
TCP RTMP
UDP FTP
HTTP RTSP

LipRouter bonding unique algorithm

TCP+UDP

Some live streaming apps are deeply adapted.

Video conferencing

Conference applications like Zoom are deeply adapted.

Public IP+Port mapping

Backpack return

Develop for LiveU, TVU return

* Optional value adding service

Live Streaming

Live production or Vmjx/Obs/phone streaming partner

Combining performance and aesthetics

Upgrade both Kernel and external

Different from H7, it adopts a brand new design language in appearance, with excellent materials and texture

PERFORMANCE AND PARAMETERS

Model	LipRouter (H9)
Function	Multiple channel bonding (1~3x5G+3x4G+WiFi+USB expansion portx2+Ethernet port)
Bonding bandwidth	Maximum 1000Mbps
Network type	Built-in module, support 5G NSA/SA, 4G fully compatible
WAN	Ethernet port x1
LAN	Ethernet port x4
WiFi frequency	2.4G/5.8G WiFi dual frequency
Power supply	PD 65W 20V TYPE C
Lithium battery	14.8V 6000mAh 88.8Wh
Screen	5 inches touch screen
Hot boots	Bottom built-in 1/4-20
Expand functionality	Kernel level bonding algorithm, super efficient multi-channel bandwidth stacking, corresponding to transparent. Efficient bandwidth detection and congestion control algorithms at the application layer, fully tapping into the bandwidth of each channel. Support port forwarding, provide public IP (value-added services). Dynamically split data, encrypt transmission, improve private data security. Switch application protocols, TCP/UDP/TCP+UDP mix mode. Firmware online upgrade.
Size	209x163x62mm
Net weight	1.4Kg
Package	Engineering box