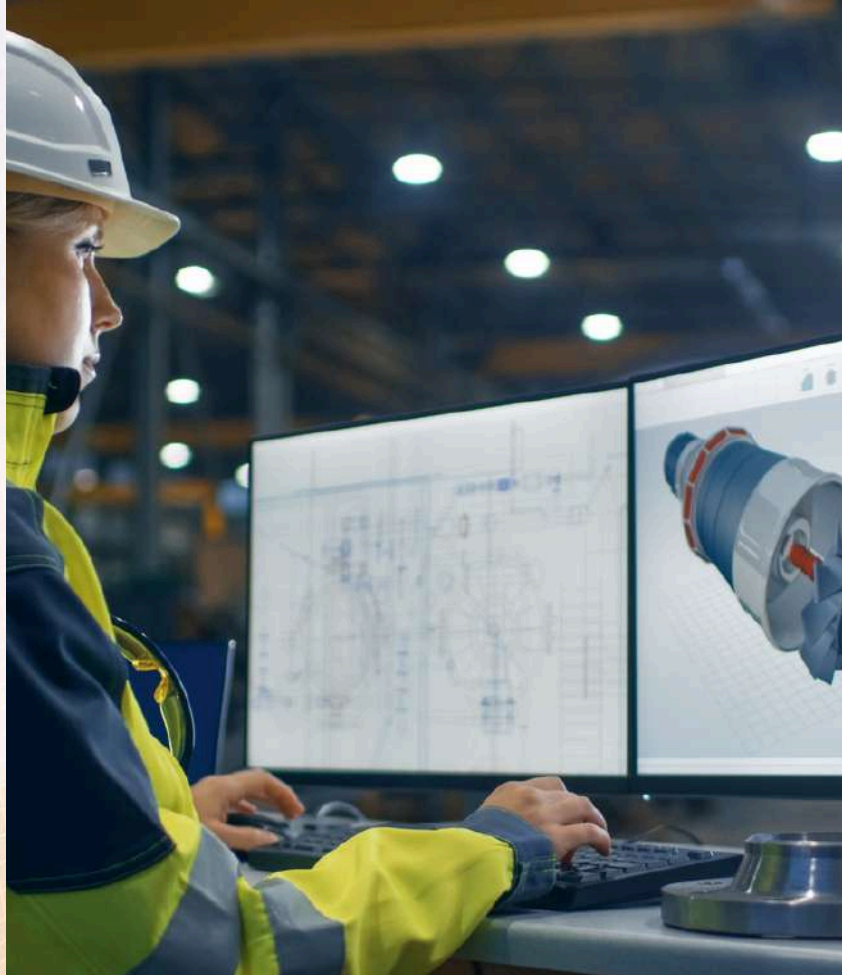


K2R5 Systems

The Ultimate Engine for Gaming and Media



K2 R5

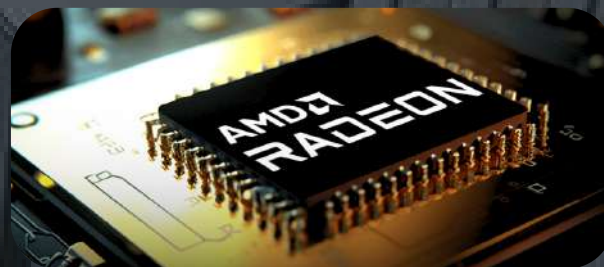
Gaming & Media Creation



- Handles multimedia production, such as image and HD video editing & all office tasks without issue.
- Dual power options—AC mains adapter and PD power for Van life – that can be used in the field
- Offers plenty of connectivity options
- Equipped with TPM 2.0 for enhanced system security and reliable data protection
- Upgradeable design



Gaming GPU




Bluetooth 5.2

 **Windows 11 Pro**
 **WIFI 6**


4 TB


**DDR5
16GB**

Combines powerful performance with plenty of connectivity options. High performance purpose

K2 R5

Gaming & Media Creation



GAMING GPU

Radeon™ 660M: 6CU 1900MHz
Architecture: RONA 2

Radeon 660M

2259

GTX1050

2289

Intel iris xe

1985

Radeon vega8

1400

SUPER SPEED WI-FI 6E

WIFI 6E

Bluetooth 5.2



TYPE-C PORT SUPPORT:

USB3.1 (Gen2)
PD/DP/Data
PD 100W+Input/PD15W Output

Output speed

















USB 4.0

40Gbps

USB 3.2 Gen2

10Gbps



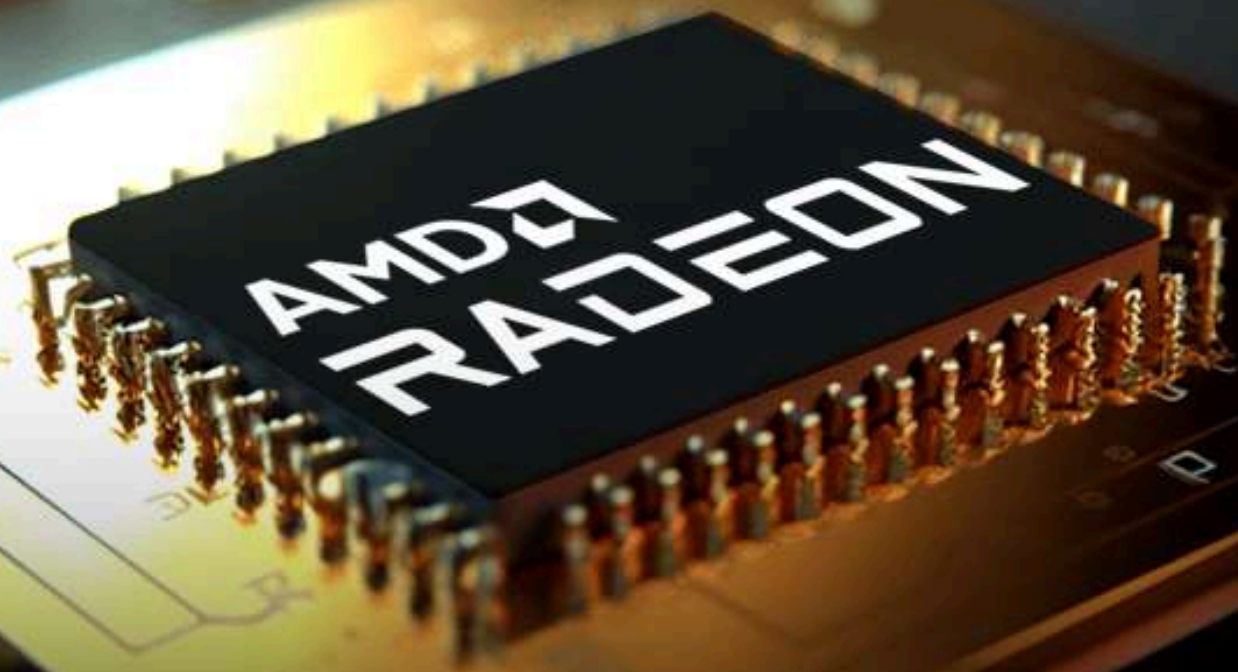
 <div>Processor</div>	AMD Ryzen 5 6600H Processors with Radeon™ Graphics 6C/12T, 6nm 3.3G clock, MAX 4.5G 3 MB L2 Cache/16 MB L3 Cache TDP45W	 <div>OS</div>	Supports Window 11 Pro & Linux
 <div>GPU</div>	Radeon Graphics Graphics Core Count: 6 Graphics Frequency 1900 MHz	 <div>Display Ports</div>	HDMI 2.0 (4096x2160@60Hz) x 1 DisplayPort(4K@60Hz) x 1 Type-C (USB 4.0 full feature) x 1
 <div>RAM</div>	16GB shipped PCIE 3.0 DDR5 Up to 4800MHz (SODIMM Slot x 2) Max 64GB	 <div>USB</div>	USB3.2 (Gen2, 10Gbps) x 3 USB2.0 x 1
 <div>Storage</div>	512GB PCIe 3.0 M.2 2280 SSD (Max Support up to 4TB)	 <div>Audio</div>	3.5 mm headphone jack x 1
 <div>Power Adapter</div>	DC IN19V 6.32A 120W	 <div>Network Connectivity</div>	Ethernet port RJ-45 x 2 BT5.2 / RZ616 WIFI 6E
 <div>VESA Bracket (Optional)</div>	Yes	 <div>Product Size</div>	128.8x127x51.8mm
 <div>Certificates</div>	CE / FCC / ROHS	 <div>Product Weight</div>	528g
 <div>Warranty</div>	12 Months	 <div>Packing Content</div>	Mini pc x 1 VESA bracket x 1 screws package x 1 HDMI cable x 1 power adapter x 1 user manual x 1 warranty card x 1



K2 R5

Gaming & Media Creation

AMD RYZEN 5 6600H



Cinebench R23 (Single Core)

R5 6600H



R7 7735U



i5 12450H



i5 5600H



Cinebench R23 (Multi core)

R5 6600H



R7 7735U



i5 12450H



i5 5600H



Zen 3+
Core Architecture

3.3G-4.5G
Frequency

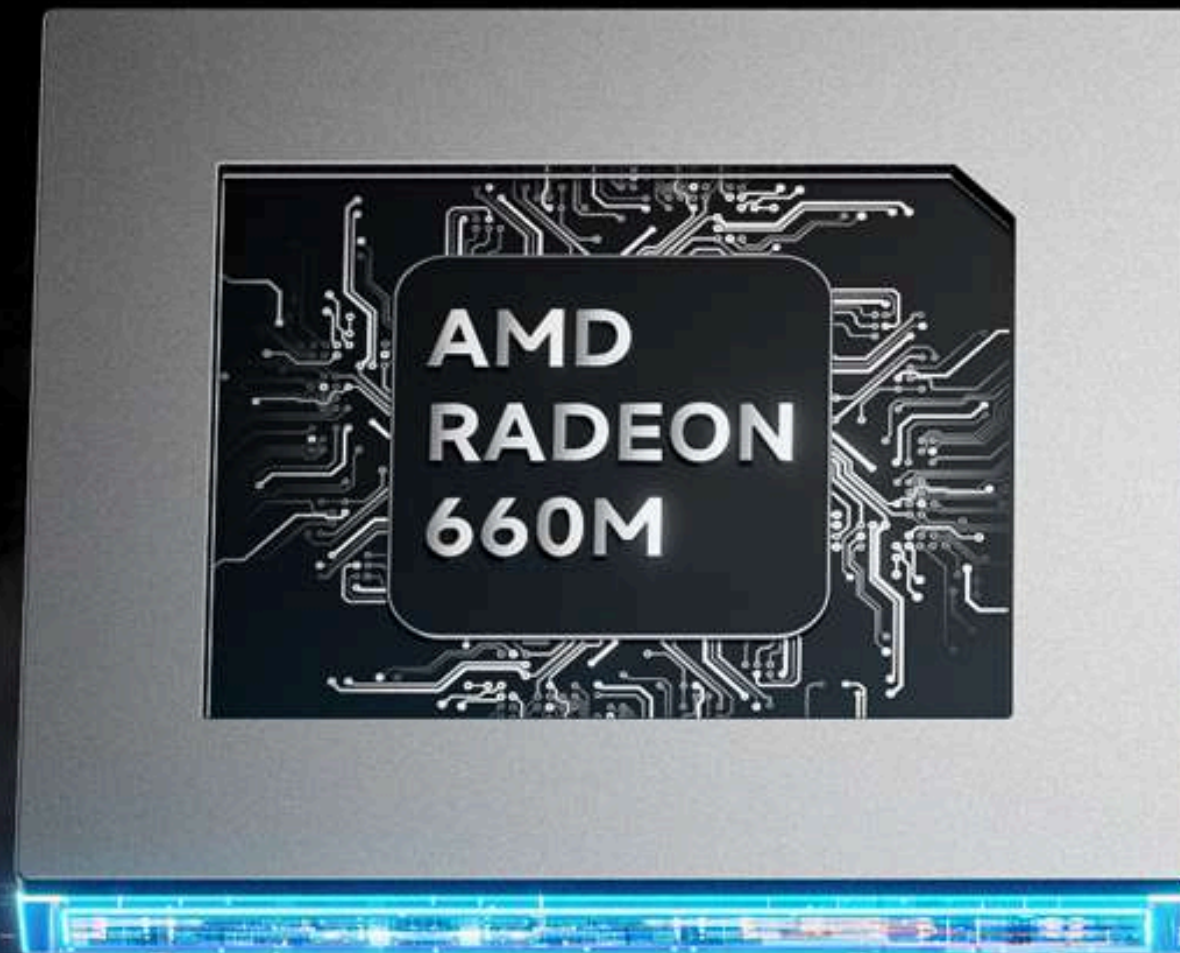
16 MB
L3 Cache

6C
12T

6nm
Processor Tech

K2 R5

Gaming & Media Creation



GAMING GPU

Radeon™ 660M: 6CU 1900MHz

Architecture: RONA 2

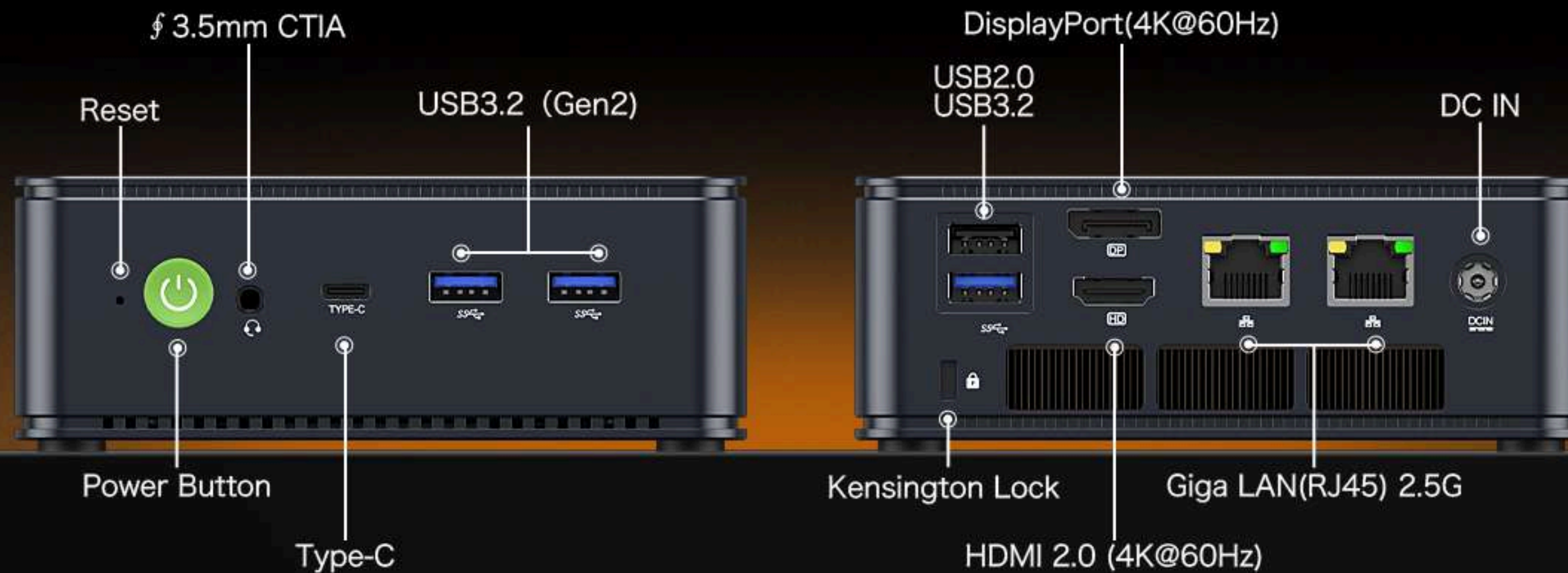
Radeon 660M



K2 R5

Gaming & Media Creation

ABUNDANT CONNECTIVITY OPTIONS



K2 R5

Gaming & Media Creation

DUAL COOLING FANS

Copper Cooling Fan and Multiple Air Vents

Dual M.2 2280
PCIe 3.0/4.0 Slot
Max. 4TB

Detachable Cover Lid

Dual Channel DDR5
4800MHz
Max. 64GB



Mini Fan Cooling Boost
for DDR/SSD



Large Cooling Fan
with Heatsink

Air Cooling Vents



K2 R5

Gaming & Media Creation



Pre-installed 32GB DDR5 RAM

Speed Increase **87%**

M6 DDR5

DDR4

3200MHz

4800MHz

87%



Pre-installed 1TB PCIe3.0 SSD
(Support PCIe4.0 SSD)

PCIe4.0

PCIe3.0

SATA

3500MB/S

7000MB/S

Easy to Upgrade Storage

32GB(16*2) DDR5 (SODIMM *2 | Up to **64GB**)

M.2 2280 PCIe 3.0/4.0 DUAL SSD NVME SUPPORT
(MAX. **4TB**)

K2 R5

Gaming & Media Creation

TYPE-C PORT SUPPORT:

USB3.1 (Gen2)

PD/DP/Data

PD 100W+Input/PD15W Output

Output speed USB 4.0

40Gbps

USB 3.2 Gen2

10Gbps



K2 R5

Gaming & Media Creation



The image shows a K2 R5 mini PC connected to a monitor and keyboard. A performance comparison chart is overlaid on the right side of the image, highlighting the device's capabilities and speed improvements over previous standards.

SUPPORTS 5GHZ/2.4GHZ DUAL FREQUENCY AND MULTI-USER 2X2 MIMO (MU-MIMO)

WiFi6E (RZ616) 2.5G RJ45*2 BT5.2

Speed

Feature	Comparison	Improvement
WiFi6 (RZ616)	WiFi6 (802.11ac)	37% ↑

Read/Write Speed

Feature	Comparison	Improvement
2.5Gbps LAN	1000Mbps LAN	2.5x ↑

2.5 Gbps

K2 R5

Gaming & Media Creation

TRIPLE-SCREENS DISPLAY (4K@60HZ)

1*TYPE-C(USB4.0)

1*HDMI

1*DP



K2 R5

Gaming & Media Creation

MEET YOUR SPACE NEEDS

The VESA mount can free yourself from the messy desktop



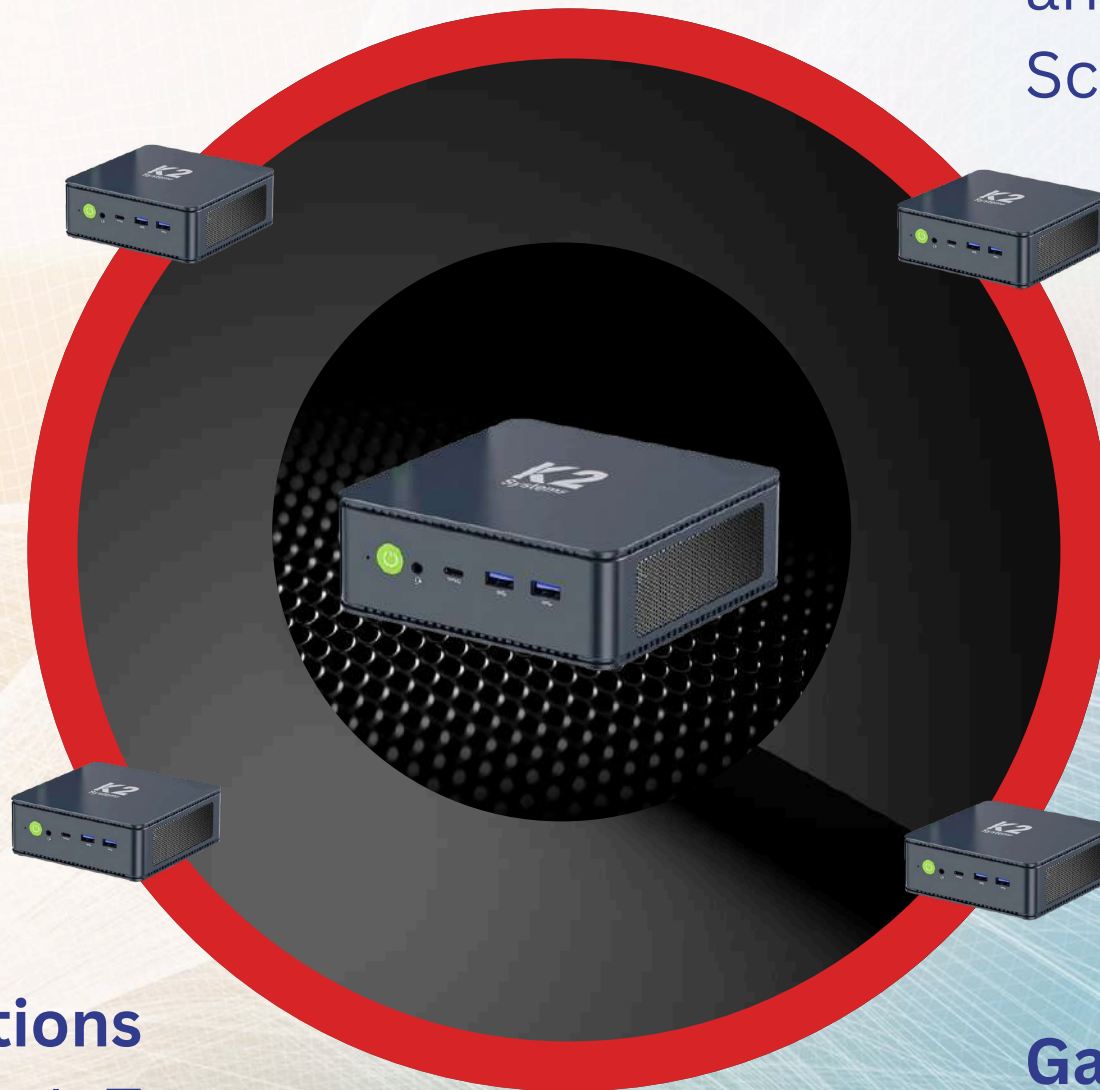
Use Cases

Creative Workstations

Graphic Design & Video
Editing, 3D Modeling &
Animation, Audio Production

Industrial Applications

Ruggedized features for industrial use, IoT
applications, or Digital Signage and
Interactive Kiosks.



Software Development & Testing

AI & Machine Learning Development, Data
Analytics & Research, Scientific Research
and Bioinformatics, Engineering and
Scientific Software, Game Development

Gaming Mini PC

As a space-saving option for PC
Gaming, VR & AR Experiences,
browsing, streaming, & light work

Industrial Applications **R5** **I5** **AL**



Characteristics: Retail businesses needing devices to support digital signage and in-store displays.

Needs: Mini PCs with reliable processing power, compact form, and energy efficiency.

Buy it if...

You need a compact and affordable PC

Its small size and low price make it perfect for tight spaces and budget-conscious buyers.

You require ease of Installation & 24/7 operation

Ease of installation, and power efficiency for 24/7 operation.



Creative Workstations **R5**



Characteristics: Content creators for Graphic Design & Video Editing, 3D Modeling & Animation, Audio Production needing a powerful yet compact PC for editing.

Needs: High processing power, storage capacity, and capable of running creative software.

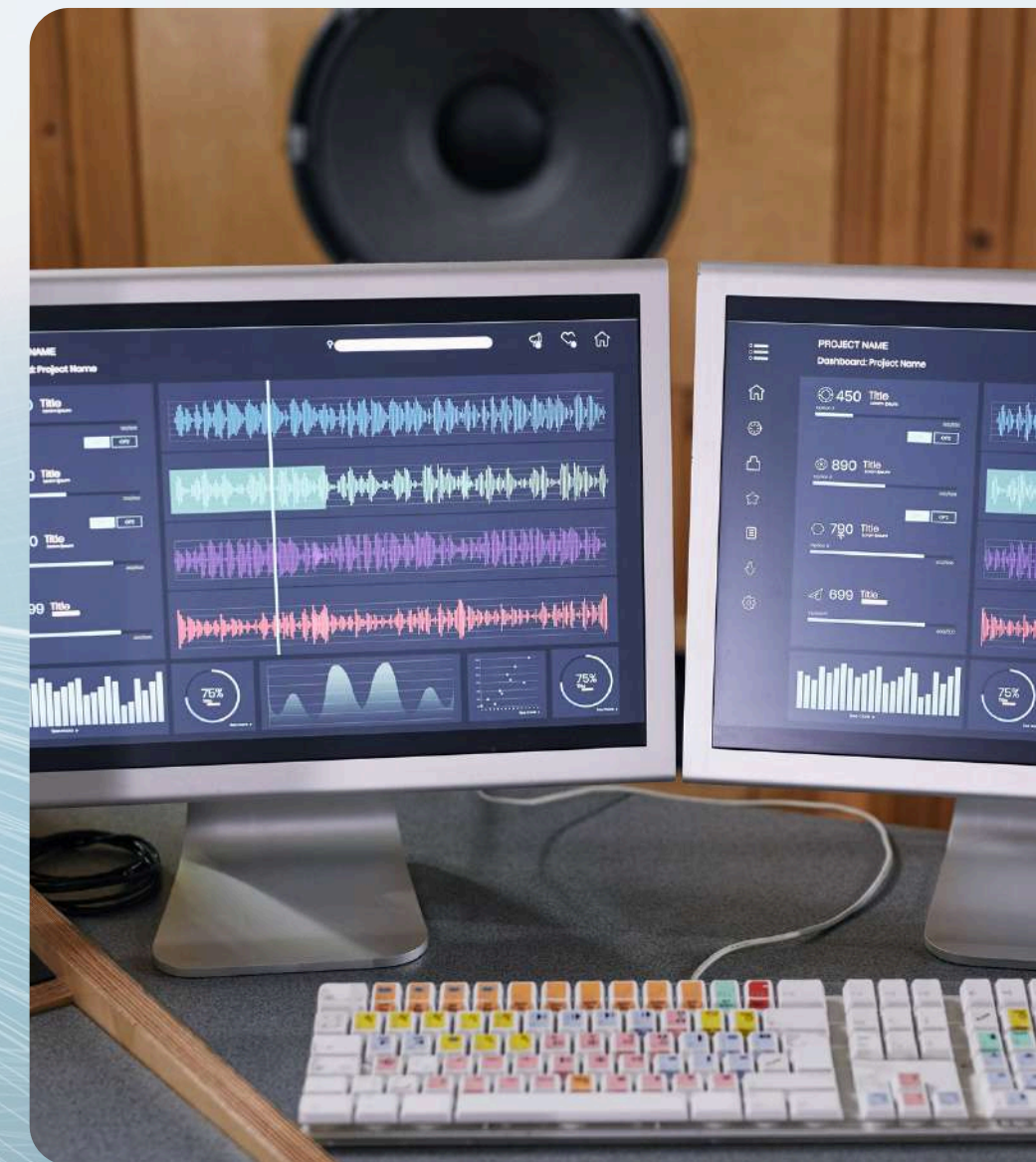
Buy it if...

You need a compact, powerful PC

The M6's small size and robust performance make it perfect for tight spaces and high processing power, storage options, and compatibility with editing software.

You want versatile connectivity

With multiple ports and dual power options, the M6 is highly adaptable.



Software Development R5



Characteristics: Coders, app developers, and software engineers who require a compact yet capable machine.

Needs: Decent CPU power, ample RAM, and compatibility with development software.

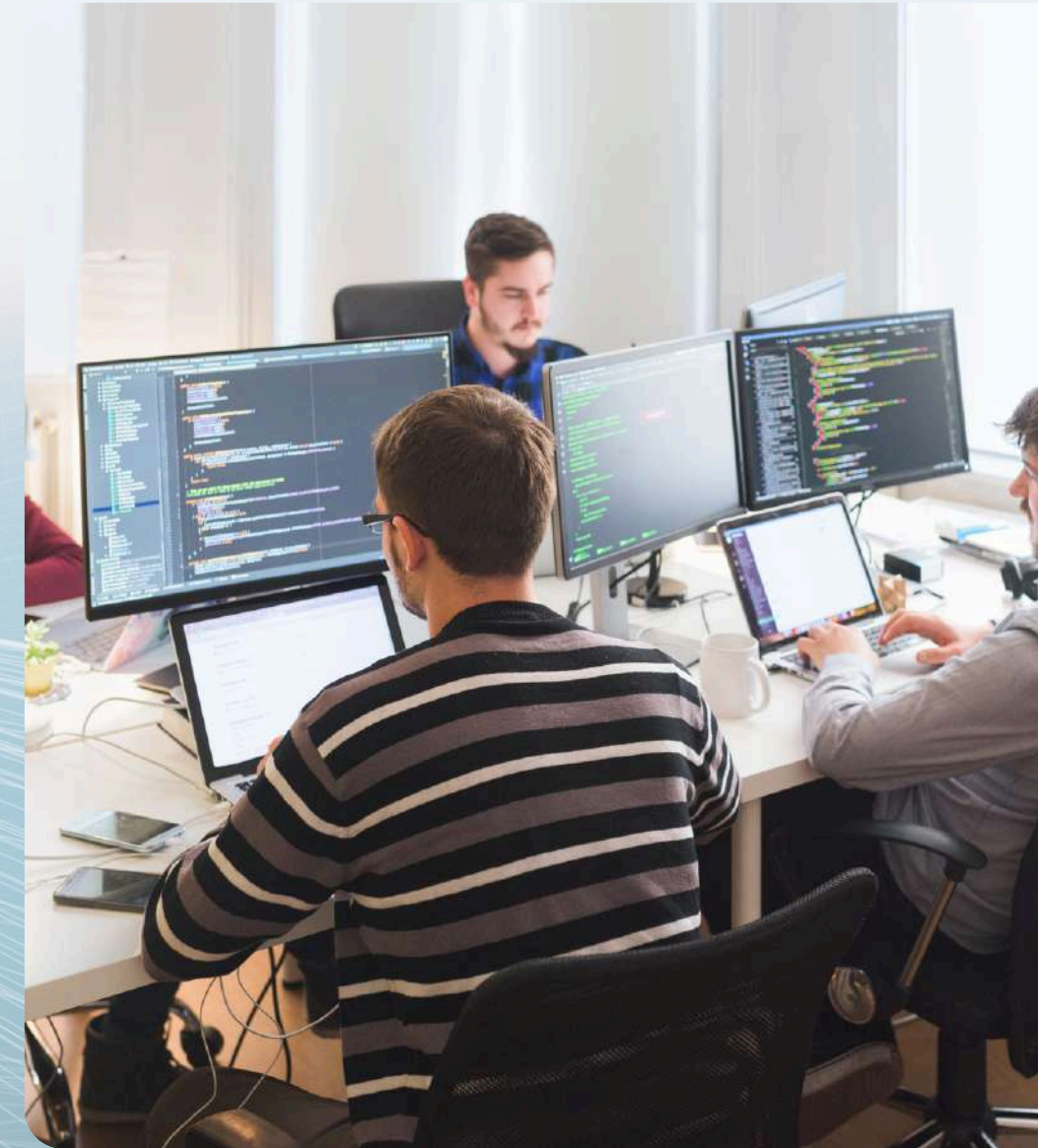
Buy it if...

You need a compact, powerful PC

The M6's small size and robust performance make it perfect for tight spaces and high processing power, storage options, and compatibility with editing software.

You want versatile connectivity

With multiple ports and dual power options, the M6 is highly adaptable.



Gaming Mini PC **R5**



Characteristics: Gamers who value compact and efficient setups but are not necessarily looking for top-tier performance.

Needs: Good graphics capabilities, decent RAM, and storage for an enjoyable gaming experience.

Buy it if...

You need a compact, powerful PC

The M6's small size and robust performance make it perfect for good graphics capabilities, high processing power, decent RAM, and storage for an enjoyable gaming experience.

You want versatile connectivity

With multiple ports and dual power options, the M6 is highly adaptable.





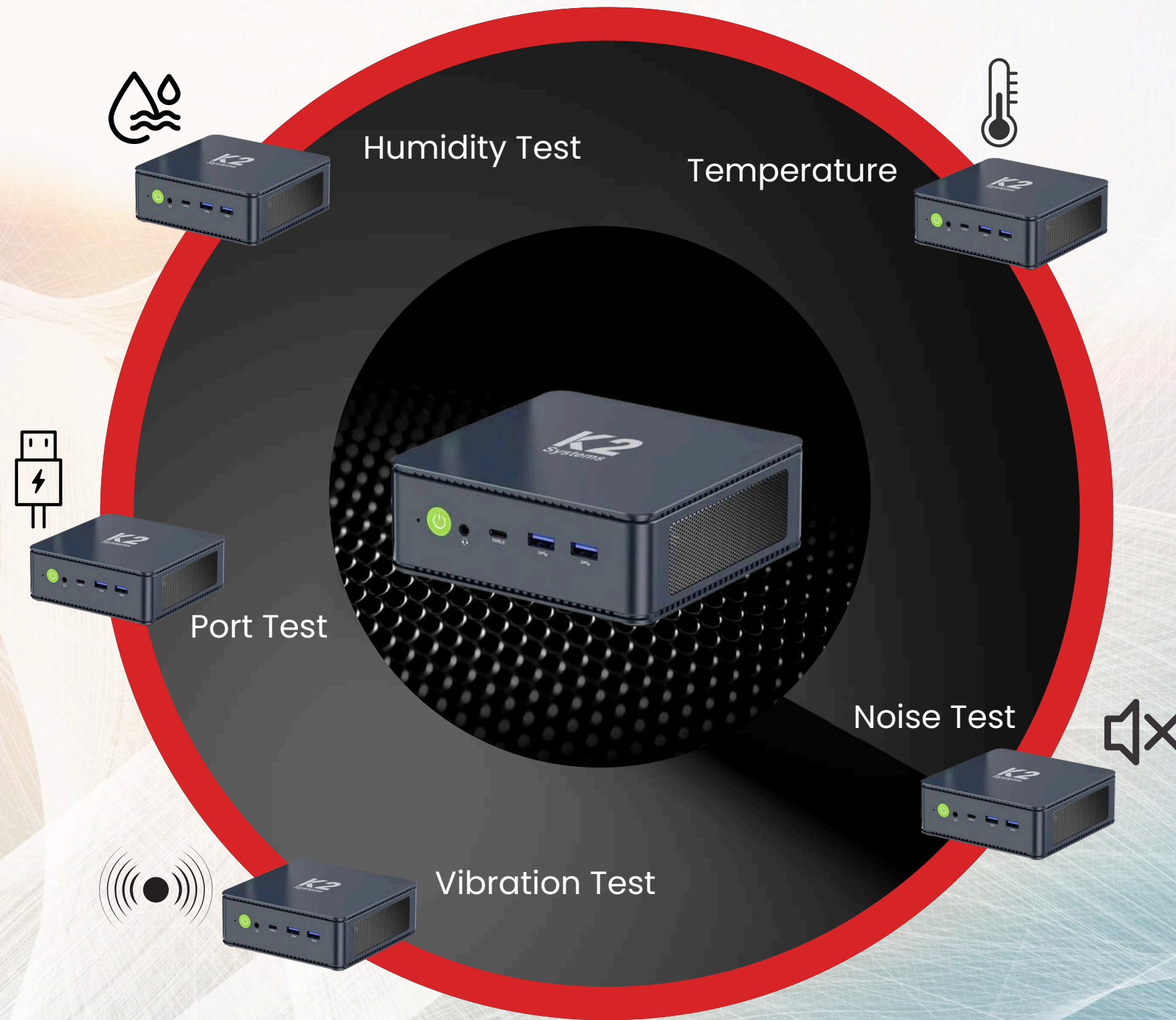
ISO 9001:2015



ISO 13485



CMMI Level 3



**Multiple Tests
& Strict Quality Control**



Rigorously Tested & Benchmarked
22-Point Test Report

On-Call Tech Support



Low Total Cost of
Ownership



Why
Choose K2 Systems?

Comprehensive warranty



Get 100% Genuine Parts

Enhanced Security



Product Range



intel

K2 AL

Everyday Ease

Tiny, Fast, Money-wise & Low power consumption



intel

K2 C5

Professional Grade Performance

Balances everyday efficiency with performance & upgrade-friendly package



AMD

K2 R5

Extreme Performance, Stunning Visuals

Combines powerful performance & enhanced graphics capabilities

100+

active projects across the globe

20

years and counting

- No of business verticals : 6+
- Operating Base: India, UK, USA
- No of manufacturing plants : 1
- In-house Design & Manufacturing Capability
- Part of Make-In-India initiative

K2 Systems delivers cutting-edge single-board computing devices designed for multifunctional and multipurpose applications, empowering seamless integration across diverse industries.

Partners

intel

AMD

arm



Linux

System Level Solutions (SLS) is a leading developer of embedded systems solutions, focused on a wide range of energy-efficient, powerful and flexible products. Our innovative compact embedded solutions offer a variety of platforms including SOMs (System-on-Module), SBCs (Single Board Computer), Embedded computers, and All in One Panel.

Our Clients

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INDIA
32, D4, PHASE 1, GIDC ESTATE
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USA
511 N. WASHINGTON AVENUE,
MARSHALL, TEXAS 75670



UK
20 MORTLAKE,
20 MORTLAKE HIGH STREET,
LONDON, SW14 8JN