



六联智能  
SIXUNITED

# Gaming Book

XN37-160H-YD



# A + A

## Everyday Gaming

ARN37 & ARN37A



AMD  
**RDNA 2**

Perf/Watt Improvement  
Ray Tracing, Variable Rate  
Shading & More

**Navi23**  
Equipped

Best-in-class  
performance



AMD  
**RDNA 3**

**Navi33**  
Released in 2023

**AMD**  
**Advantage**



16 inch  
A/D Metral  
22mm



Dual FAN  
135W Thermal



# Immersive Vision

6.21mm

10.67mm

- 16", narrow bezel
- 84% S-B Ratio
- 16:10, 11% larger visual area
- 2560\*1600, 165Hz for option
- 100% sRGB
- HDR400
- 8bit original color depth
- 500nits high brightness for option
- DC dimmer, no splashing screen



# Comfortable Typing

Fingerprint  
Windows Hello



High key travel  
Big keycap  
Direction key for gaming

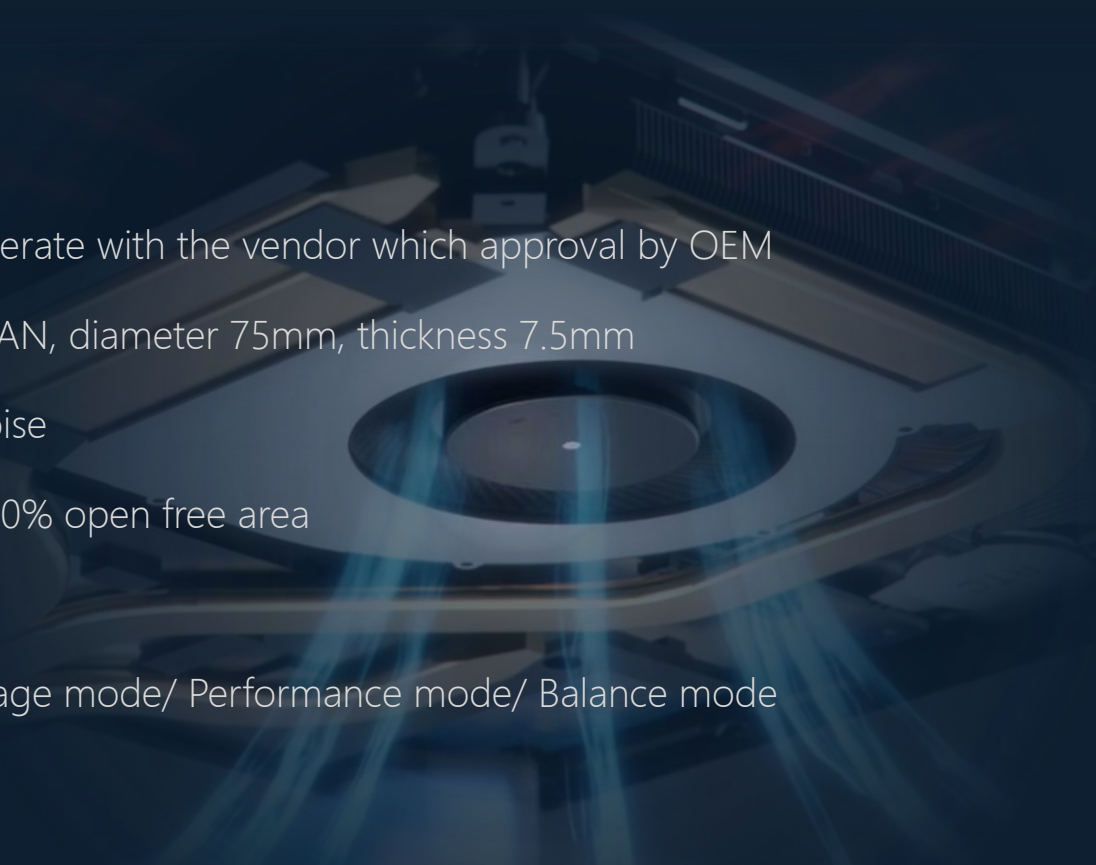


4-partition RGB backlit  
Multiple brightnesses



# Outstanding Thermal Design

165W device consumption

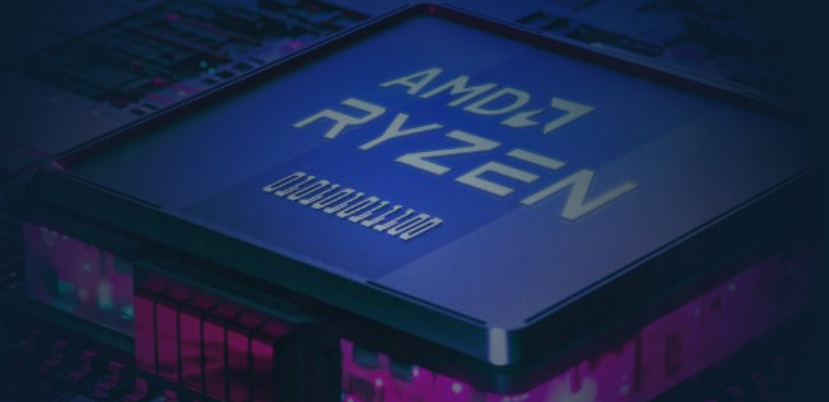
- Selected Vendor : Cooperate with the vendor which approval by OEM
  - Use FCN big size dual FAN, diameter 75mm, thickness 7.5mm
  - High air volume, low noise
  - Four air outlets, Up to 60% open free area
  - Four Fin design
  - F1+Fn: Quiet mode/ Rage mode/ Performance mode/ Balance mode
- 



# AMD CPU Zen3+ / Zen4



# AMD DGPU Navi23 / Navi33



- AMD Zen3+, FP7r2, Rembrandt H/ Rembrandt+ H  
AMD Zen4, FP7r2, Phoenix H
- 45W-54W TDP
- Up to 8C/ 16T
- Base Freq up to 3.3GHz, Max Turbo Freq up to 5GHz
- L3 Cache up to 16MB, DDR5 only



- AMD Navi23, M5, R22M-E65/E100 (RX6650M/6650MXT)  
AMD Navi33, M5, R23M-P1/P2 (RX7600M/7600M XT)
- Up to 120W TGP
- Up to 32CUs
- 2048 stream processors, 2222MHz
- GDDR6, Up to 8GB, 256GB/s

## ARN37-160H-YD Specification

Display	16" 2560*1600 165Hz SRGB 100% 500ntis	I/O Port	Rear	1*DC-IN
CPU	AMD , FP7r2, Rembrandt H, 45W (6600H/ 6800H)			2*USB Type-C (1*USB4+1*USB3.2 Gen1)
GPU	AMD Navi23, M5, R22M-E65/E100 (RX6650M/6650MXT)			1*HDMI 2.0
Memory	2*DDR5 SO-DIMM, 4800MHz, Up to 64GB			1*RJ45 (GLAN/2.5 GLAN)
VRAM	GDDR6 8GB		Right	2*USB Type-A (USB3.2 Gen2)
Storage	2 *M.2 2280 (PCIE*4)		Left	1*Audio Jack, MIC&Earphone combo
Battery	15.4V/ 4800mAh, 74WH (>10 hrs by WER)			1*3in1 Card reader
Camera	1MP		Button	Power Button
WiFi	WiFi 802.11 ac/ax 2x2 MIMO	Key Board	US/UK layout, 4 area backlit keyboard support	
BT	5.2	Adapter	230W ,19V AC Adapter	
Speaker	2*2W	OS	Windows 11	
MIC	2*D-MIC	Weight	2.2 KG	
Sensors	Hall Sensor	Dimension	359*260*22.1 mm	
Indicated light	Power/Charge/CapsLock/NumLock	Material	Cover A/ D: Metal, Cover B/ C: Plastic	

# Meet 2023 AMD Advantage Guideline

## ARN37A-160H-YD Specification

Display	16" 2560*1600 165Hz SRGB 100% 500ntis	I/O Port	Rear	1*DC-IN
CPU	AMD , FP7r2, Rembrandt+ H/ Phoenix H, 45W (7x35HS / 7x40HS)			2*USB Type-C (1*USB4+1*USB3.2 Gen2)
GPU	AMD Navi33, M5, R23M-P1/P2 (7600M/7600M XT)			1*HDMI 2.0
Memory	2*DDR5 SO-DIMM, 4800/5600MHz, Up to 64GB			1*RJ45 (2.5 GLAN)
VRAM	GDDR6 8GB		Right	2*USB Type-A (USB3.2 Gen2)
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THANKS



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