

AMD Ryzen™ 5 7600X

BASE

Base

ESPECIFICAÇÕES

ESPECIFICAÇÕES DA PLACA DE VÍDEO

MEMÓRIA

PRINCIPAIS RECURSOS

Plataforma:	Computador de mesa
Market Segment:	Enthusiast Desktop
Família de produto:	AMD Ryzen™ Processors
Linha de produto:	AMD Ryzen™ 5 Processors
AMD PRO Technologies:	No
Consumer Use:	Yes
Regional Availability:	Global
Former Codename:	"Raphael AM5"
Architecture:	"Zen 4"
Nº de núcleos de CPU:	6
Multithreading (SMT):	Yes

N° de threads:	12
Clock de Max Boost ⓘ:	Até 5.3GHz
Clock básico:	4.7GHz
Total de Cache L1:	384KB
Total de Cache L2:	6MB
Cachê L3 total:	32MB
TDP / TDP Padrão:	105W
Processor Technology for CPU Cores:	TSMC 5nm FinFET
Processor Technology for I/O Die:	TSMC 6nm FinFET
CPU Compute Die (CCD) Size:	71mm ²
I/O Die (IOD) Size:	122mm ²
Package Die Count:	2
Desbloqueado ⓘ:	Sim
AMD EXPO™ Memory Overclocking Technology:	Yes
Precision Boost Overdrive:	Yes
Curve Optimizer Voltage Offsets:	Yes
AMD Ryzen™ Master Support:	Yes

Pacote:	AM5
Supporting Chipsets:	A620 X670E X670 B650E B650
CPU Boost Technology:	Precision Boost 2
Instruction Set:	x86-64
Supported Extensions:	AES, AMD-V, AVX, AVX2, AVX512, FMA3, MMX(+), SHA, SSE, SSE2, SSE3, SSE4.1, SSE4.2, SSE4A, SSSE3, x86-64
Solução térmica:	Not included
Recommended Cooler:	Premium air cooler recommended for optimal performance
Temps máx:	95°C
Launch Date:	27/9/2022
*Suporte de SO:	Edição Windows 11 - 64-Bit Edição Windows 10 - 64-Bit RHEL x86 64-Bit Ubuntu x86 64-Bit *O suporte ao sistema operacional (SO) poderá variar de acordo com o fabricante.

Especificações

USB Type-C® Support:	Yes	
Native USB 3.2 Gen 2 (10Gbps) Ports:	4	
Native USB 3.2 Gen 1 (5Gbps) Ports:	0	
Native USB 2.0 (480Mbps) Ports:	1	
Native SATA Ports:	0	
Versão PCI Express:	PCIe® 5.0	
Native PCIe® Lanes (Total/Usable):	28 / 24	
Additional Usable PCIe Lanes from Motherboard:	AMD X670E	12x Gen4
	AMD X670	12x Gen4
	AMD B650E	8x Gen4
	AMD B650	8x Gen4
NVMe Support:	Boot, RAID0, RAID1, RAID10	
Tipo de memória:	DDR5	
canais de memória:	2	
Max. Memory:	128GB	
System Memory Subtype:	UDIMM	
Max Memory Speed:	2x1R	DDR5-5200

ECC Support: Yes (Requires mobo support)

Especificações da placa de vídeo

Integrated Graphics: Sim

Modelo gráfico: AMD Radeon™ Graphics

Nº de núcleos de GPU: 2

Frequência gráfica: 2200 MHz

USB Type-C® DisplayPort™ Alternate Mode: Yes

Memória



PIB OPN: 100-100000593WOF

Bandeja OPN: 100-000000593

Principais recursos

Tecnologias compatíveis: AMD EXPO™ Technology
AMD Ryzen™ Technologies

Inscreva-se para receber as últimas notícias da AMD

 (<http://www.facebook.com/amd>)  (<https://twitter.com/amd>)

 (<https://www.instagram.com/amd>)  (<https://www.linkedin.com/company/amd>)

 (<https://www.amd.com/pt/preferences.html>)

 (https://www.youtube.com/user/amd?sub_confirmation=1)  (<https://www.twitch.tv/amd>)

Empresa

[Sobre a AMD \(/pt/corporate.html\)](/pt/corporate.html)

[Equipe de Gerenciamento \(/pt/corporate/leadership.html\)](/pt/corporate/leadership.html)

[Responsabilidade Corporativa \(/en/corporate/corporate-responsibility.html\)](/en/corporate/corporate-responsibility.html)

[Oportunidades de Emprego \(https://careers.amd.com/careers-home\)](https://careers.amd.com/careers-home)

[Contato AMD \(/pt/corporate/contacts.html\)](/pt/corporate/contacts.html)

Notícias e Eventos

[Sala de Imprensa \(/pt/newsroom.html\)](/pt/newsroom.html)

[Eventos \(https://www.amd.com/pt/corporate/events.html\)](https://www.amd.com/pt/corporate/events.html)

[Blogs \(https://community.amd.com/t5/blogs/ct-p/amd-blogs\)](https://community.amd.com/t5/blogs/ct-p/amd-blogs)

[Bibliotecas de Mídias \(https://www.amd.com/pt/newsroom/media-library.html\)](https://www.amd.com/pt/newsroom/media-library.html)

Comunidade

Fóruns de suporte (<https://community.amd.com/t5/support-forums/ct-p/supprtforums>)

Desenvolvedores (<https://community.amd.com/t5/developers/ct-p/devgurus>)

Red Team (<https://community.amd.com/t5/red-team/ct-p/red-team>)

Parceiros

AMD Partner Hub (<https://www.amd.com/pt/partner.html>)

Biblioteca de recursos de parceiros (<https://www.amd.com/pt/partner/resources/resource-library.html>)

Distribuidores autorizados (<https://www.amd.com/pt/partner/resources/distributors.html>)

Investidores

Relações com investidores (<https://ir.amd.com/>)

Informações Financeiras (<https://ir.amd.com/financial-information>)

Conselho de Administração (<https://ir.amd.com/leadership-governance/board-of-directors>)

Documentos de Governança (<https://ir.amd.com/leadership-governance/governance-documents>)

Arquivos da SEC (<https://ir.amd.com/sec-filings>)

[Termos e Condições \(/pt/legal/copyright.html\)](/pt/legal/copyright.html)

[Privacidade \(/pt/legal/privacy.html\)](/pt/legal/privacy.html)

[Informação de marca registrada \(/pt/legal/trademarks.html\)](/pt/legal/trademarks.html)

[Declaração sobre trabalho forçado \(https://www.amd.com/content/dam/amd/en/documents/corporate/cr/statement-human-trafficking-forced-labor.pdf\)](https://www.amd.com/content/dam/amd/en/documents/corporate/cr/statement-human-trafficking-forced-labor.pdf)

[Concorrência justa e aberta \(https://www.amd.com/en/legal/competition.html\)](https://www.amd.com/en/legal/competition.html)

[Estratégia tributária no Reino Unido \(https://www.amd.com/system/files/documents/amd-uk-tax-strategy.pdf\)](https://www.amd.com/system/files/documents/amd-uk-tax-strategy.pdf)

[Política de cookies \(/pt/legal/cookies.html\)](/pt/legal/cookies.html)

Configurações de cookies

© 2023 Advanced Micro Devices, Inc.