

AMD Ryzen™ 5 5600

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ESPECIFICACIONES
GENERALES

CONECTIVIDAD

CAPACIDADES
GRÁFICAS

ID DE PRODUCTO

CARACTERÍSTICAS
CLAVE

Especificaciones generales

Plataforma:	Escritorio
Segmento de mercado:	Escritorio convencional
Familia de productos:	Procesadores AMD Ryzen™
Línea de producto:	Procesadores de escritorio AMD Ryzen™ 5
Uso del consumidor:	sí
Disponibilidad regional:	Global, China, NA, EMEA, APJ, LATAM
Antiguo nombre en clave:	"Vermeer"
Arquitectura:	"Zen 3"
# de núcleos de CPU:	6
Subprocesamiento múltiple (SMT):	sí
# de los hilos:	12
máx. Reloj de impulso:	Hasta 4,4 GHz
Reloj básico:	3,5 GHz
Caché L1 total:	384KB
Caché L2 total:	3 MB
Caché L3 total:	32MB
TDP predeterminado:	65W

Tecnología de procesador para núcleos de CPU:	FinFET de 7nm de TSMC
Tecnología de procesador para matriz de E/S:	12 nm (fundiciones globales)
Tamaño de troquel de cómputo de CPU (CCD):	74 mm ²
Tamaño de troquel de E/S (IOD):	125 mm ²
Número de troqueles del paquete:	2
Unlocked for Overclocking ⓘ:	Yes
CPU Socket:	AM4
Socket Count:	1P
Supporting Chipsets:	X570 X470 X370 B550 B450 B350 A520
CPU Boost Technology:	Precision Boost 2
Instruction Set:	x86-64
Supported Extensions:	AES, AMD-V, AVX, AVX2, FMA3, MMX(+), SHA, SSE, SSE2, SSE3, SSE4.1, SSE4.2, SSE4A, SSSE3, x86-64
Thermal Solution (PIB):	AMD Wraith Stealth
Max. Operating Temperature (Tjmax):	90°C
Launch Date:	4/4/2022
*OS Support:	Windows 11 - 64-Bit Edition Windows 10 - 64-Bit Edition RHEL x86 64-Bit Ubuntu x86 64-Bit *Operating System (OS) support will vary by manufacturer.

Connectivity

USB Type-C® Support:	Yes
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Native USB 3.2 Gen 2 (10Gbps) Ports:	4	
Native USB 3.2 Gen 1 (5Gbps) Ports:	0	
Native USB 2.0 (480Mbps) Ports:	0	
Native SATA Ports:	2	
PCI Express® Version:	PCIe 4.0	
Native PCIe® Lanes (Total/Usable):	24/20	
Additional Usable PCIe Lanes from Motherboard:	AMD X570	16x Gen 4
	AMD X470	2x Gen 3
	AMD X470	8x Gen 2
NVMe Support:	Boot, RAID0, RAID1, RAID10	
System Memory Type:	DDR4	
Memory Channels:	2	
Max. Memory:	128GB	
System Memory Subtype:	UDIMM	
System Memory Specification:	Up to 3200MHz	
Max Memory Speed:	2x1R	DDR4-3200
	2x2R	DDR4-3200
	4x1R	DDR4-2933
	4x2R	DDR4-2667
ECC Support:	Yes (Requires mobo support)	

Graphics Capabilities

Integrated Graphics:	No
Graphics Model:	Discrete Graphics Card Required

Product IDs

Product ID Boxed:	100-100000927BOX
Product ID Tray:	100-000000927

Key Features

Key Features

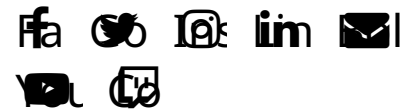
Supported Technologies:

AMD StoreMI Technology
AMD "Zen 3" Core Architecture
AMD Ryzen™ VR-Ready Premium

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