

100-100001591BOX

AMD Ryzen 5 8400F Socket AM5 6 Core 4.2GHz up to 4.7GHz 16MB L3 Cache Processor

Product Overview

AMD Ryzen 5 8400F Socket AM5 6 Core 4.2GHz up to 4.7GHz 16MB L3 Cache Processor, Ryzen 8000 Series, Zen 4 Architecture, 6 CPU Cores, 6MB L2 Cache, 16MB L3 Cache, 65W Default TDP, TSMC 4nm FinFET, No OnBoard Graphics



Specifications

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Specifications	
Product Code	100-100001591BOX
General Specifications	
Name	AMD Ryzen 5 8400F
Family	Ryzen
Series	Ryzen 8000 Series
Form Factor	Desktops
AMD PRO Technologies	No
Consumer Use	Yes
Regional Availability	Global
Former Codename	Phoenix
Architecture	Zen 4
# of CPU Cores	6
Multithreading (SMT)	Yes
# of Threads	12

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Product Specification Sheet

Max. Boost Clock	Up to 4.7 GHz
Base Clock	4.2 GHz
L2 Cache	6 MB
L3 Cache	16 MB
Default TDP	65W
AMD Configurable TDP (cTDP)	45-65W
Processor Technology for CPU Cores	TSMC 4nm FinFET
CPU Compute Die (CCD) Size	178mm ²
Package Die Count	1
Unlocked for Overclocking	Yes
AMD EXPO Memory Overclocking Technology	Yes
Precision Boost Overdrive	Yes
Curve Optimizer Voltage Offsets	Yes
AMD Ryzen Master Support	Yes
CPU Socket	AM5
CPU Boost Technology	Precision Boost 2
Instruction Set	x86-64
Supported Extensions	AES, AMD-V, AVX, AVX2, AVX512, FMA3, MMX-plus, SHA, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, SSE4A, x86-64
Max. Operating Temperature (Tjmax)	95 degreesC
Launch Date	04/01/2024
*OS Support	Windows 11 - 64-Bit Edition, Windows 10 - 64-Bit Edition, RHEL x86 64-Bit, Ubuntu x86 64-Bit
Connectivity	
Native USB 4 (40Gbps) Ports	2
Native USB 3.2 Gen 2 (10Gbps) Ports	2
Native USB 2.0 (480Mbps) Ports	1
PCI Express Version	PCIe 4.0
Native PCIe Lanes (Total/Usable)	20, 16
NVMe Support	Boot, RAID0, RAID1
System Memory Type	DDR5
Memory Channels	2
Max. Memory	256 GB
System Memory Subtype	UDIMM
Max Memory Speed	

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Product Specification Sheet

2x1R	DDR5-5200
2x2R	DDR5-5200
4x1R	DDR5-3600
4x2R	DDR5-3600
Graphics Capabilities	
Graphics Model	Discrete Graphics Card Required
AMD SmartAccess Memory	Available
AI Engine Capabilities	
Brand Name	AMD Ryzen
AMD Ryzen AI	Not Available
Product IDs	
Product ID Boxed	100-100001591BOX, 100-100001591CBX
Product ID Tray	100-000001591 (AM5)
Product ID MPK	100-100001591MPK, 100-100001591CPK
Security, Virtualization, and Manageability	
AMD Enhanced Virus Protection (NX bit)	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/100-100001591BOX-AMD-Ryzen-5-8400F-Socket-AM5-6-Core-Buy-p-303328.php>

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