

CP-IA14400F

Intel 14th Gen Raptor Lake Core i5-14400F 10 Core up to 4.7GHz 20MB Smart Cache LGA1700 Processor

Product Overview

Intel 14th Gen Raptor Lake Core i5-14400F 10 Core up to 4.7GHz 20MB Smart Cache LGA1700 Processor, Intel 7 Lithography, 6 Performance-cores, 4 Efficient-cores, 16 total threads, 20 MB Intel Smart Cache, 9.5 MB total L2 Cache, 65 W Processor base Power, 148 W Maximum Turbo Power, Intel Laminar RH1 Cooler included, No OnBoard Graphics,



Specifications

Specifications:

© 2024 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (<http://www.comx.co.za>), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	CP-IA14400F
Brand	Intel
Series	14th Gen Raptor Lake-S
Model	BX8071514400F
Essentials	
Vertical Segment	Desktop
Lithography	Intel 7
Core Arrangement	6 Performance Cores, 4 Efficiency Cores
Cores	10
Threads	16
Performance-core Max Turbo Frequency	4.70GHz
Efficient-core Max Turbo Frequency	3.50GHz

ComX Computers

Product Specification Sheet

Performance-core Base Frequency	2.50GHz
Efficient-core Base Frequency	1.80GHz
Cache	20 MB Intel Smart Cache
Total L2 Cache	9.5MB
Processor Base Power	65W
Maximum Turbo Power	148W
TJUNCTION	100 degreesC
Memory	
Max Memory Supported	192 GB
Memory Types	Up to DDR5 4800MT/s
	Up to DDR4 3200MT/s
Max Number of Memory Channels	2
Max Memory Bandwidth	76.8GB/s
Expansion	
Direct Media Interface (DMI) Revision	4
Max Number of DMI Lanes	8
Scalability	Single socket
PCI Express Revision	5.0 and 4.0
PCI Express Configurations	Up to 1x16 plus 4 lanes OR 2x8 plus 4 lanes
Max Number of PCI Express Lanes	20
General	
Advanced Features	Intel Gaussian & Neural Accelerator 3.0
	Intel Thread Director
	Intel Deep Learning Boost (Intel DL Boost)
	Intel Speed Shift Technology
	Intel Turbo Boost Technology 2.0
	Intel Hyper-Threading Technology
	Intel 64
	64-bit Instruction Set
	Intel SSE4.1, Intel SSE4.2, Intel AVX2 Instruction Set Extensions
	Idle States
	Enhanced Intel SpeedStep Technology
	Thermal Monitoring Technologies
	Intel Volume Management Device (VMD)

ComX Computers

Product Specification Sheet

Security & Reliability Features	Intel Standard Manageability (ISM)
	Intel Control-Flow Enforcement Technology
	Intel AES New Instructions
	Secure Key
	Intel OS Guard
	Intel Trusted Execution Technology
	Execute Disable Bit
	Intel Boot Guard
	Mode-based Execute Control (MBEC)
	Intel Stable IT Platform Program (SIPP)
	Intel Virtualization Technology with Redirect Protection (VT-rp)
	Intel Virtualization Technology (VT-x)
	Intel Virtualization Technology for Directed I/O (VT-d)
	Intel VT-x with Extended Page Tables (EPT)
Operating System Support	Windows 10 64-bit
	Windows 11 64-bit
	Linux x86-64

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/CP-IA14400F-Intel-14th-Gen-Raptor-Lake-Core-i5-14400F-Buy-p-294162.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx-computers.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx-computers.co.za/terms-of-sale.php>

PDF generated: 2026-10-14 03:54:32.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.