

AMD

Procesor AMD Ryzen 5 8500G PRO 5.05GHz AM5 22MB
Cache Tray

SKU: 17012028 · EAN: 8592978543860

SPECIFIKAT TEKNIKE	
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ATRIBUTI	VLERA
Processor	
Processor manufacturer	AMD
Processor base frequency	3.5 GHz
Processor family	AMD Ryzen™ 5 PRO
Processor cores	6
Processor socket	Socket AM5
Processor lithography	4 nm
Processor threads	12
Processor operating modes	64-bit
Processor boost frequency	5 GHz
Processor cache	16 MB
Processor cache type	L3
Thermal Design Power (TDP)	65 W
Configurable TDP-up	65 W
Package type	Tray
Cooler included	No
Configurable TDP-down	45 W
Neural processor unit (NPU)	
NPU performance up to	16 TOPs
Memory	
Maximum internal memory supported by processor	256 GB
Memory types supported by processor	DDR5-SDRAM
Memory clock speeds supported by processor	3600,5200 MHz
Memory channels	Dual-channel
ECC	Yes
Graphics	

On-board graphics card	Yes
Discrete graphics card	No
On-board graphics card model	AMD Radeon 740M
On-board graphics card outputs supported	DisplayPort, HDMI 2.1
On-board graphics card base frequency	2800 MHz
Number of displays supported (on-board graphics)	4
On-board graphics card 4K support	Yes
On-board graphics card DirectX version	12.0
On-board graphics card maximum resolution (DisplayPort)	7680 x 4320 pixels
Discrete graphics card model	Not available
Hardware encode/decode codecs supported	H.264, H.265 (HEVC)
Features	
Market segment	Desktop
Maximum number of PCI Express lanes	14
PCI Express slots version	4.0
Supported instruction sets	AES, AVX, AVX 2.0, AVX-512, SSE, SSE2, SSE3, SSE4.1, SSE4.2, SSSE3
Compatible operating systems	Windows 10/11 x64, RHEL x86 64-bit, Ubuntu x86 64-bit
I/O configuration	
USB version	USB4 Gen 3x2
USB ports quantity	5