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ASUS Pro WS X299 SAGE II Intel® X299 LGA 2066 (Socket R4) CEB

Brand : ASUS

Product code: 90SW00U0-M0EAY0

Product name : Pro WS X299 SAGE II

- Intel LGA 2066 socket: Ready for the latest Intel® Core™ X-series processors

- Al Overclocking: Quickly optimizes CPU performance by profiling the CPU and cooler, achieving results that are extremely close to manual tuning by experts

- Dual Intel® 2.5G LAN: Offers increased data throughput and improved efficiency, making it ideal for large file transfers and backup

- Fits up to 4-way graphics cards: Includes 7 PCIe Gen 3 x16 slots and supports NVIDIA $\ensuremath{^{\rm B}}$ SLI and AMD CrossFire $\ensuremath{^{\rm M}}$

- Ultra-efficient VRM heatsink: Metal-fin-array design maximizes surface area for heat dissipation to enable unthrottled performance

- Next-gen connectivity: Next-gen transfer speedswith dual M.2, triple U.2 and USB 3.2 Gen 2 Type-A and Type-C^m

CEB, Intel X299 chipset, Intel Socket 2066, 8xDDR4 DIMM slots, 7.1ch audio, 2x2.5-Gigabit LAN





Processor		Rear panel I/O ports	
Processor manufacturer * Processor socket * Compatible processor series * Processor number of cores	Intel LGA 2066 (Socket R4) Intel® Core™ X-series 6, 8, 10, 12, 14, 16, 18	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * Ethernet LAN (RJ-45) ports * Headphone outputs	1 2 1
supported	0, 8, 10, 12, 14, 10, 18	Network	
Memory Supported memory types * Number of memory slots * Non-ECC	DDR4-SDRAM 4 2400,2666,2933,3600,4000,4133,4200,4266	Ethernet LAN Ethernet interface type LAN controller Wi-Fi *	 2.5 Gigabit Ethernet Intel I225-LM
Supported memory clock speeds	MHz	Features	
Maximum internal memory * Unbuffered memory	256 GB ✓	Motherboard chipset * Audio output channels *	Intel® X299 7.1 channels
Storage controllers		Component for *	Workstation
Supported storage drive interfac RAID support RAID levels	es * SATA ✓ 0, 1, 5, 10	Motherboard form factor * Motherboard chipset family * Compatible operating systems	CEB Intel Windows 10 64-bit
Graphics		Expansion slots	
Parallel processing technology support *	4-Way CrossFireX, 4-Way SLI	PCI Express x16 (Gen 3.x) slots Number of M.2 (M) slots	7 2
Internal I/O		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Clear CMOS button	√
USB 3.2 Gen 2 (3.1 Gen 2)	1	Processor special features	
connectors * Number of SATA III connectors *	8	Trusted Platform Module (TPM)	4
ATX Power connector (24-pin)	0 V	Operational conditions	
CPU fan connector	4	Storage temperature (T-T)	-40 - 70 °C
Number of chassis fan connector	rs 2	Operating temperature (T-T)	10 - 35 °C
EPS power connector (8-pin)	4	Storage relative humidity (H-H)	20 - 90%
Number of COM connectors	1	Logistics data	
TPM connector	4	Harmonized System (HS) code	84733020

Rear panel I/O ports

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1

Weight & dimensions	
Width	305 mm
Depth	267 mm
Height	287 mm
Packaging content	
Cables included	SATA
Other features	
Weight	2.3 kg
Number of DIMM slots	8
Number of processors supported	1



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