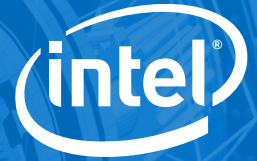


CREATE WITHOUT LIMITS



Intel® Xeon® W-2200 processors.
Built for demanding professional creators.

Intel® Xeon® W-2200 processors take outstanding performance to another level with best-in-class features and support for ground-breaking technologies. It means you can visualize, simulate and render superfast and with more accuracy than ever before.

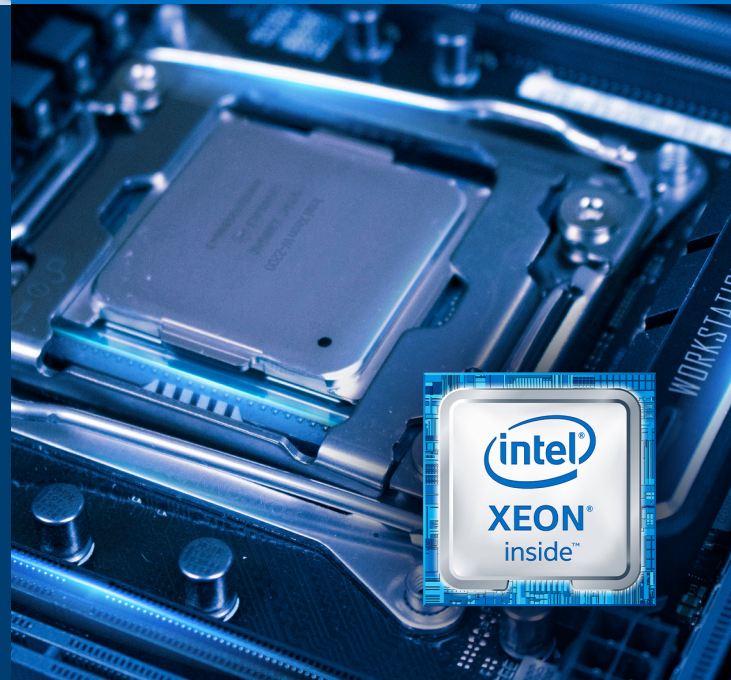


NEW TECHNOLOGIES:

- Up to 4.8GHz with Intel® Turbo Boost Max Technology 3.0
- Up to 1TB DDR4-2933 memory
- Intel® Deep Learning Boost support
- 2.5G Intel® Ethernet Controller i225 support
- Intel® Wi-Fi 6 AX200 (Gig+) support

FEATURED TECHNOLOGIES:

- Up to 18 cores with Intel® Hyper-Threading Technology
- Up to 48 processor PCIe* lanes
- Error-correcting code (ECC) support
- Built-in reliability, availability and serviceability (RAS)
- Intel® Virtual RAID on CPU (Intel® VROC) support
- Thunderbolt™ 3 support
- Intel® Optane™ SSD 905P support
- Intel® vPro™ platform support



TAKE PERFORMANCE TO ANOTHER LEVEL

Designed for workstation professionals, Intel® Xeon® W-2200 processors are specially optimized for a wide range of workflows, including content creation, engineering and pushing the boundaries of artificial intelligence/deep learning.

INCREASED CAPABILITY

NEW - Intel® Turbo Boost Max Technology 3.0

For workloads that utilise high core frequencies, get a boost just when you need it. Intel® Turbo Boost Max Technology 3.0 optimizes performance by identifying your processor's four fastest cores and directing your most critical workloads to them.

NEW - Intel® Deep Learning (DL) Boost

Intel® AVX-512 with Intel® replaces three separate instructions with one simple command. This cutting-edge innovation is designed to accelerate training and inference performance for machine learning workloads. Image classification, language translation, object detection and speech recognition are just a few of the workloads that can benefit.

ENHANCED PERFORMANCE

NEW - UP TO 4.8 GHZ

Create on your own terms and forget about waiting for a slow machine to catch up with you. With increased core frequencies you can achieve your vision with breath-taking speed.

NEW - UP TO 1 TB DDR4 WITH ECC MEMORY

Increased system up-time and improved responsiveness allows you to move fluidly between content creation applications even when working with large files so you can capture inspiration the moment it strikes.

FAST CONNECTIVITY

NEW - 2.5G Intel® Ethernet Controller i225 support

Speed is essential in today's fast-paced work environment. 2.5G Intel® Ethernet Controller i225 sets the standard for fast, flexible and easy connectivity.

NEW - Intel® Wi-Fi 6 AX200 (GIG+) SUPPORT

To power through workloads you need Wi-Fi that can maintain its speed. Intel® Wi-Fi 6 AX200 delivers significant improvement in dense deployments with fast uploads, downloads and lower latency.

BOOST PRODUCTIVITY

Intel® Xeon® W-2200 processors will help you get to the finish line fast and with accuracy.



REDUCED WAIT TIME

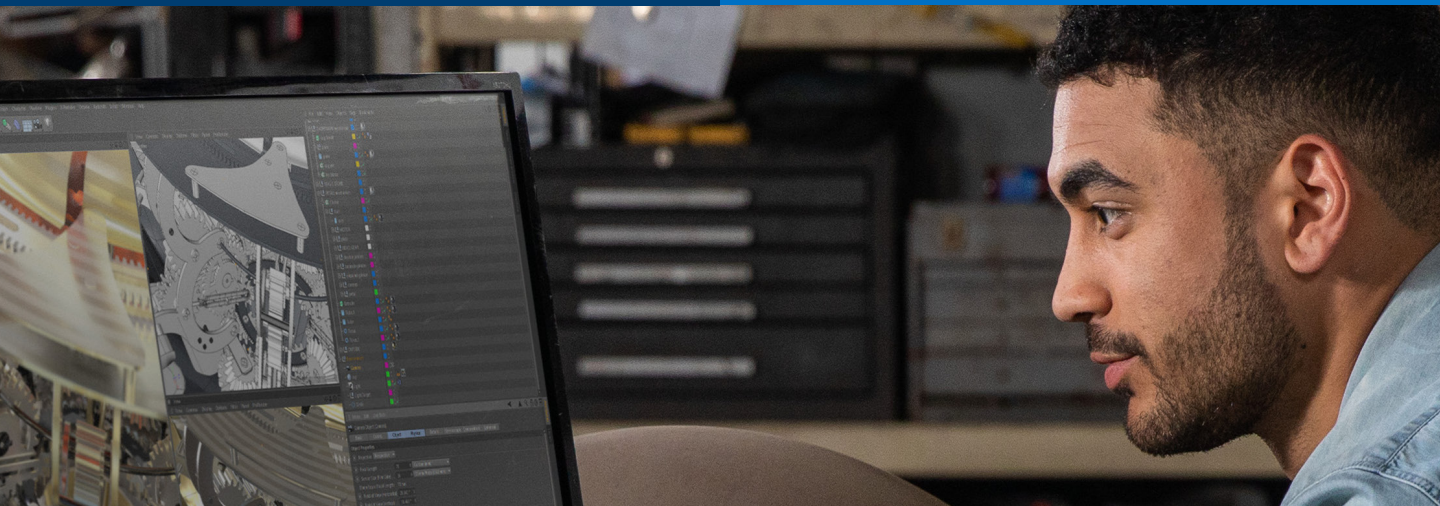
18 CORES

36 THREADS

Time is too valuable to waste waiting for your vision to be realised. With up to 18 cores, 36 threads and 1 TB DDR4 with ECC memory in a single-socket solution visualization, simulations and rendering can be achieved fast and accurately.

EXPANDED PLATFORM CAPABILITIES

With a total of 72 platform PCIe lanes, Intel® Xeon® W-2200 processors enable more I/O throughput for networking, graphics and storage. You can run multiple graphics cards, storage devices, accelerators, capture cards and/or network controllers with unconstrained I/O performance to the CPU.



CREATE WITH CONFIDENCE

Intel® Xeon® W-2200 processors give you the freedom to create and the peace of mind that you'll deliver.



UNRIVALLED RELIABILITY

Help protect workstations from potential crashes and changes in data due to single-bit errors. Error-correcting code (ECC) memory is a platform technology that automatically detects and repairs single-bit errors on-the-fly delivering more accurate designs and simulations.

ADDED ASSURANCE

Reliability is a fundamental design choice, not an afterthought. The new Intel® Xeon® W-2200 processors' built-in reliability, availability and serviceability (RAS) gives you and your organization the next-level fault tolerance and fault management support thanks to an extensive and robust set of features in the silicon.



THE ULTIMATE PLATFORM FOR CREATIVE PROS

Intel® Xeon® W-2200 processors. Built for demanding professional creators.

PROCESSOR NUMBER	Intel® Xeon® W-2225 processor	Intel® Xeon® W-2223 processor	Intel® Xeon® W-2235 processor	Intel® Xeon® W-2245 processor	Intel® Xeon® W-2255 processor	Intel® Xeon® W-2265 processor	Intel® Xeon® W-2275 processor	Intel® Xeon® W-2295 processor
CORES/THREADS	4 / 8	4 / 8	6 / 12	8 / 16	10 / 20	12 / 24	14 / 28	18 / 36
INTEL® TURBO BOOST MAX. TECHNOLOGY 3.0 FREQUENCY (GHZ)	N/A	N/A	N/A	4.7	4.7	4.8	4.8	4.8
INTEL® SMART CACHE	8.25 MB	8.25 MB	8.25 MB	16.5 MB	19.25 MB	19.25 MB	19.25 MB	24.75 MB
THERMAL DESIGN POWER (TDP)	105 W	120 W	130 W	155 W	165 W	165 W	165 W	165 W
MEMORY CAPACITY	1 TB	1 TB	1 TB	1 TB	1 TB	1 TB	1 TB	1 TB
MEMORY SUPPORT	Four Channels DDR4-2933	Four Channels DDR4-2666	Four Channels DDR4-293	Four Channels DDR4-2933	Four Channels DDR4-2933	Four Channels DDR4-2933	Four Channels DDR4-2933	Four Channels DDR4-2933
ERROR CORRECTING CODE (ECC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
TOTAL PLATFORM PCIE® 3.0 LANES	Up to 72	Up to 72	Up to 72	Up to 72	Up to 72	Up to 72	Up to 72	Up to 72
RELIABILITY AVAILABILITY AND SERVICEABILITY (RAS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
INTEL® VPRO™ PLATFORM SUPPORT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Intel® processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families.

All processors are lead-free (per EU RoHS directive July 2006) and halogen free (residual amounts of halogens are below November 2007 proposed IPC/JEDEC J-STD-709 standards).

All processors support Intel® Virtualization Technology (Intel® VT-x).

**Intel® Optane™ memory requires specific hardware and software configuration.

Visit www.intel.com/Optanememory for configuration requirements.



For more information on the Intel® Xeon® processors for workstations, visit: www.intel.com/content/www/us/en/products/processors/xeon

All information provided here is subject to change without notice. Contact your Intel representative to obtain the latest Intel product specifications, roadmaps, and related information.

Performance results are based on testing as of the date set forth in the configurations and may not reflect all publicly available security updates. See configuration disclosure for details. No product or component can be absolutely secure.

Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark® and MobileMark®, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more complete information about performance and benchmark results, visit intel.com/benchmarks

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