



AMD RYZEN™ WORKSTATION

Elite performance in a mid-tower chassis, suitable for post-production and gaming.

The Ryzen Workstation is powered by a 3rd Generation AMD Ryzen™ 3000/XT series processor, that features up to 16 cores or 32 threads running with up to 3.8GHz base and 4.7GHz of Max boost clock and supports up to 128GB DDR4 memory.

UNRIVALLED PERFORMANCE

The latest AMD Ryzen™ 3000XT series brings performance per Watt enhancements and increased frequencies to the range. Improvements in the 7nm process have enabled AMD to deliver 4-5% performance increases in lightly threaded applications whilst simultaneously keeping core voltage and power consumption low. The workstation supports two GPU's with AMD CrossFireX™ support*, two M.2 NVMe SSD's and up to four SATA drives.

A choice of dedicated AMD Radeon™ or NVIDIA RTX™ graphics card enables you to build your own optimised combination to match your apps and no sacrifice. With an impressive range of attributes, the Ryzen workstation is a great platform for everyday productivity, photo and video editing, post-production, motion graphics or even gaming.

UNRIVALLED PROCESSOR TECHNOLOGY

Featuring 3rd Gen AMD Ryzen™ processor which is built using the world's most advanced manufacturing technology to deliver winning performance while keeping your system astonishingly cool & quiet. Crafted in a sleek mid tower chassis that focuses on silent operation and elegant, minimalistic design that looks good in any environment.

3rd Gen Ryzen processors feature support for the world's first PCIe® 4.0 ready platform², enabling the most advanced motherboards, graphics, and storage technologies available.

KEY FEATURES

AMD 3rd Gen Ryzen or Ryzen Refresh CPU with up to 16 cores / 32 threads (Matisse)

Up to 128GB of DDR4, up to 4733MHz (OC) memory

Support for 2 PCIe M.2 NVMe SSDs
Up to 4 x 2.5/3.5" and 2 x 2.5" SATA SSD/HDD

Optional Liquid cooled CPU for maximum performance and whisper quiet operation



Boost performance when
you need it

Automatically raise
processor frequencies

Intelligent power
optimisations

ABOUT BIOS IT

BIOS IT is a global design house, systems builder and integrated solution provider for enterprise performance computing. We construct bespoke clusters and appliances by hand picking the best components and newest technologies based on specific customer goals. We support well-known organisations at the top of their research fields, across science, engineering, academia and finance disciplines. Our comprehensive range of products and services include: high-performance enterprise servers, storage and networking, on-premise or in the cloud, with associated services, support, hosting and software.

LIGHT YEARS AHEAD

Award-winning performance and optimised processor technology. For gamers. For creators. For everyone.

Built on Supermicro x86 architecture, BIOS IT's range of solutions supporting AMD processors enable a new range of powerful and energy-efficient server options to radically lower data center TCO through an optimized balance of compute, memory, I/O, and storage resources.

AMD ELITE PARTNERS

As an AMD Elite Partner, BIOS IT is recognised for delivering cutting edge embedded solutions based on the latest AMD products and its close collaboration with AMD in specific target segments.



	RYZEN WORKSTATION
CPU	AMD B550 Single socket AM4 supports AMD 3rd gen Ryzen™ 3, 5, 7, 9 series processors
MEMORY	Up to 128GB in 4x DIMM slots (2 channels)
STORAGE	2x Fixed 2.5/3.5" & 2x Fixed 2.5" SATA (supports RAID 0/1/10) 1x M.2 PCIe 4.0 x4 in 2260/2280/22110 form factor 1x M.2 PCIe 3.0 x2 or SATA 6Gb in 2242/2260/2280 form factor
GPU	Up to 2x AMD or NVIDIA® graphics card
FORM FACTOR	Mid Tower
EXPANSION SLOT	1X PCIE 4.0 X16 FHFL 1X PCIE 3.0 X4 FHFL (IN X16 SLOT) 2 PCIE 3.0 X1 FHFL
NETWORK	Realtek RTL8111H Single port 1GbE (RJ45)
POWER SUPPLY	750W 80 Plus Gold Efficiency

CUSTOM CONFIGURATIONS ACROSS CORE COUNT, FORM FACTOR AND SUPPORT ARE ALSO AVAILABLE

For more information visit www.bios-it.com.



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