

High-End workstation solutions for complex requirements



- Newest Intel Xenon, AMD EPYC oder AMD Ryzen PRO processor technology
- Up to 2 TB fast DDR-4 ECC memory
- Up to four High-End graphic cards for CUDA or OpenCL applications in one workstation
- Highest quality of used components

Performance Workstations

High-End PCs

CAx requires the highest workstation performance across the entire workflow

The challenge for all CAx applications is to create a fault-free, liquid and high-resolution 3D representation. Only when all hardware components have the appropriate capacity and specialization is it possible to work quickly and without problems. But the whole performance has to be really available and all components have to work together perfectly.

The performance of the graphics card can not be exploited if the graphics driver misinterprets the CAx software. And that is precisely the difference between Schneider Digital and any supplier: We know all the leading CAD, CAM and CAE applications and optimize the configuration of our systems exactly to your requirements.



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- Newest Intel Xenon, AMD EPYC oder AMD Ryzen PRO processor technology
- Up to four High-End graphic cards for CUDA or OpenCL applications in one workstation
- High speed processors (up to 2x 28 Cores on Intel platform, up to 2x 32 cores with AMD EPYC)
- Up to 4 High-End graphics cards for CUDA or Open-CL in one workstation
- Up to 2 TB fast DDR-4 ECC memory
- High performance RAID with up to 12 GB/s transfer rate (SAS 3.0 technology), high speed SSD (Solid State Disks) up to 10 TB memory on request
- Optional ultra-fast 10Gb LAN for connection to the file server
- Highest quality of used components
- 19" Rackmount compatible
- Also server and cluster solutions possible

Thanks to additional sound insulation and special cooling solutions, our workstations are also pleasant „office companions“.



NEPTURON PCs for CAM and HMD (VR) a high-speed, water-cooled workstation

The areas of application and aim of NEPTURON workstations designed by Schneider Digital, are applications that rely on maximum CPU clock speed and / or maximum frame rates. This helps e.g. CAM to shorten calculation times. HMD and VR users can view larger or more detailed scenes with the required 90 frame liquid.

All components of the NEPTURON series meet requirements with regard to maximum stability and the highest possible CPU clock speed. Our highly efficient water cooling system allows you to keep sound levels low on the CENTURON and PULSARON workstations series.



CENTURON and PULSARON high-end performance workstations

Schneider Digital has specialized in tailor-made hardware solutions for professional 3D graphics applications since 1995. Our focus is on the concept of upgradeable high-end performance workstations, which are characterized by flexible upgrade options and thus provide investment security. For future performance upgrades, it is sufficient to simply replace the processor. The need for new installations and the use of new motherboards is completely eliminated.

Through collaboration with leading hardware manufacturers, software companies and independent research institutes, we are at the forefront of the latest developments. Just as valuable is our close contacts with a diverse range of users. This is how workstation solutions are developed for practical use.



All devices are equipped with the latest Intel Xeon or AMD EPYC processors.



More Service for Greater Productivity

Turn your hardware investment into a professional solution

Specialization

When designing our 4K, 3D and VR solutions, we focus exclusively on the requirements of the professional market. Maximum performance, high operating stability, as well as outstanding ergonomic properties are the result.

Detailed Knowledge

Our in-depth knowledge enables us to pick the right, strongest and most powerful graphics card for just about any professional graphics application. We configure our customers' workstations in the same way – tailored to our customers' requirements and applications in use. We don't rely on benchmark tests but on empirically obtained results!

Excellent Business Relations

We strive for long lasting business relationships with our customers. Our entire service is designed to be there for our customers. We are personally available to assist you in a competent and timely manner during regular business hours, and immediately help you in case of problems or difficulties. We have strong ties with the development departments of our manufacturers, as well as the manufacturers of our most important software applications.

Selection of Current Clients

Schneider Digital has been well known across Europe for many years. We would like to sincerely thank our customers for their trust and professional feedback:

SYSTEM INTEGRATION: Wortmann, Aquado, Extra Computer, Pyramid, NTSI
SOFTWARE MANUFACTURER: Tebis, Megacad, Open Mind, Intergraph, Nemetschek
SYSTEM HOUSE: Bechtle, Cancom, ACP, T-Systems, SWS Computersysteme
HIGH-END USERS: Allianz, AUDI, BMW, Daimler, Honda, VW, Arthrex, DLR, Max-Planck-Institute, Fraunhofer-Institute
UNIVERSITIES AND COLLEGES: Universität Chemnitz, TUM München, Bauhaus-Universität Weimar, TU Clausthal, Ohm Hochschule Nürnberg, FH Rosenheim, HS Reutlingen uvm.

More than 23 years of experience with high-end hardware

Schneider Digital was founded by Josef J. Schneider in 1995; the Schneider Digital Head Office is located in Miesbach, Germany. Schneider Digital specializes in the production and distribution of tailor-made professional graphics cards, workstations and servers and is a full service provider for professional 4K, 3D and VR solutions offering special solutions for graphics-intensive computer applications, such as Geo-Information, CAx, architecture, science, medicine, animation, film/TV, digital imaging, design and CG.

Our Business Philosophy

We strive to assist and support our customers in their daily business, resulting in long-term lasting partnerships. Maximum customer satisfaction with fast non-bureaucratic service is our main goal. Our products are up-to-date thanks to close cooperation with numerous hardware manufacturers, software developers and independent research institutes. With innovative technology, we're able to show you where the trends of the future are heading today. Up-to-date know-how in an ever-changing market is our highest competence and the most important investment for our customers.



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