Broadberry

Ultra-Low Power CyberServe Atom®

Virtually Silent Short-Depth Appliance Servers

CyberServe Atom®

Ultra Low-Power Servers

Perfect Appliance Servers the CyberServe range of Intel Atom based rack servers are designed for light processing tasks.

Designed and built for the appliance server market where an extremely low power consumption of less than 10W is required and 100% server up-time is of up most importance.
Configurable with up to 64GB DDR4 RAM and 16 processing cores.
Configurable with no moving parts, our Atom range of servers are virtually silent and extremely cool

★★★★★★ PC PRO A LIST · ITPRO RECOMMENDED · PC PRO LABS WINNER · PC PRO RECOMMENDED

CyberServe XE3 Servers are Ideal for:

Boasting extremely low-power consumption and virtually silent, the Broadberry CyberServe range of Intel Atom® based servers are ideal for these applications.

- Storage Appliance
- Network Appliance
- Print Server
- File Server

Powering these organisations

BBC · sky · itv · ESPN · University of Cambridge · University of Oxford · SONY · Virgin · CERN · TESCO · NASA · TOYOTA · Home Office · symantec.

CyberServe Atom®

The CyberServe Atom® range of appliance severs deliver best-in-class performance and capabilities in meeting the essential computing demand from our customers. These ultra-low powered servers are small in size, virtually silent, and can be configured with no moving parts for the ultimate in server reliability.

Designed for applications that don't require much processing power or the ability to store vast amounts of data, the CyberServe Atom® range excels as a mail server, spam server, network appliance or any other application that benefits from it's maintenance free and ultra low-power characteristics.

Our rack servers powered by Atom processor technology draw incredibly low idle and average power, scaling performance from 1.7GHz to 2.4GHz whilst drawing 6-20W.

Maximise Efficiency for Your Lightweight Scale-Out Workloads

Extreme Density and Energy-Efficiency for Low-End, Scale-Out Workloads

With a need to rapidly deliver new services, cope with massive data growth, and contain costs, cloud service providers and hosters seek increasingly efficient ways to handle the demands on their infrastructure. Broadberry CyberServe servers based on Intel® Xeon® processors provide leadership performance and performance per watt with the flexibility to handle a wide range of workloads and peak demands. However, certain lightweight, scale-out workloads - such as basic dedicated hosting, low-end static web serving, and simple content delivery can sometimes be hosted more efficiently on larger numbers of smaller servers built for extreme power efficiency

To address this need, Broadberry developed a variety of extreme low-power systems to support an emerging server category - microservers. With up to a 1,000 nodes 1 per rack and shared power, cooling, and networking resources, microservers can help you improve data center efficiency by right-sizing infrastructure for relatively light processing requirements.

The Intel® Atom™ processor C2000 product family delivers a major leap forward for microserver performance and efficiency. This second-generation, 64-bit system-on-a-chip (SoC) delivers up to seven times the performance of the previous-generation Intel® Atom™ processor S1200 product family, while improving performance per watt by up to four times.

It offers more cores, memory capacity, and I/O resources, and comes with a power envelope as low as 5 watts. It also provides increased platform flexibility with integrated Gigabit Ethernet (GbE), SATA, and USB ports.

The Intel Atom processor C2000 product family joins the Intel® Xeon® processor E3 v3 product family to power the next generation of micro- servers across a range of lightweight web-scale workload requirements. Intel Atom processor C2000 series provide datacenter class features including support for 64-bit computing, 4 Intel® Virtualization Technology, 5 and Error Correcting Code (ECC) memory. They also support the industry-standard x86 instruction set, so they provide complete software compatibility with mainstream servers, giving you the flexibility to right-size your infra- structure without limiting software mobility and interoperability as your applications evolve.

Learn More, or Configure Online:
broadberry.co.uk/rackmount-servers

Call Our UK Sales Team Now!
020 8997 6000

Broadberry CyberServe Rack Servers

Atom® Servers
Low Powered servers from £464

Perfect Appliance Servers the CyberServe range of Intel Atom based rack servers are designed for light processing tasks. Designed and built for the appliance server market where an extremely low power consumption of less than 10W is required and 100% server up-time is of up most importance. Configurable with up to 64GB DDR4 RAM and 16 processing cores.

Xeon E3® Servers
Single Processor servers from £646

Perfect Business-Class Servers, the CyberServe XE3® range is based on Intel Xeon E3-1200 v5 processors. Ideal for value-conscious companies looking for a robust and affordable system, the CyberServe XE3® range is designed for use as a entry / mid-level server. Servers are configurable with up to 64GB DDR4 RAM and 4 processing cores, with a single processor.

Xeon E5® Servers
Dual Processor servers from £1,022

Perfect Enterprise-Class Servers the CyberServe XE5 2600 rack mount range are based on dual Intel Xeon E5 2600 v4 processors. Delivering significant benefits in performance, power efficiency, virtualisation, and security. Servers are configurable with up to 1.5TB DDR4 RAM and 44 processing cores

Xeon SP® Servers
Dual Processor servers from £1,178

Perfect Enterprise-Class Servers the CyberServe SP2 Dual Xeon rack mount range are based on Intel Xeon Scalable Processor family. Delivering significant benefits in performance, power efficiency, virtualisation, and security. Servers are configurable with up to 3TB DDR4 RAM and 56 processing cores

AMD EPYC® Servers
Single Processor servers from £599

Perfect for data center servers the revolutionary CyberServe EPYC range of high-performance servers are built for flexibility, performance and security. Configurable with up to 1TB of DDR4 RAM and 64 processing cores in a dual-processor server solution.

Opteron 4300® Servers
Dual Processor servers from £1,070

Perfect Enterprise-Class Servers our range of dual-processor rackmount servers built on the AMD Opteron 4300 Series processor are the lowest power-per-core servers available, built to deliver unparalleled efficiency for complex technical workloads. Configurable with up to 384GB DDR3 RAM and 16 processing cores.

Opteron 6300® Servers
Dual Processor servers from £1,146

Perfect Virtualisation Servers our range of quad Opteron 6300 Series powered rackmont servers introduce 16-core x86 server processors with the highest core density for incredible scalability to handle demanding multi-threaded workloads such as cloud computing, virtualisation, HPC and business applications. Configurable with up to 512GB DDR3 RAM and 32 processing cores.

Opteron 6300® Servers
Quad Processor servers from £2,370

Perfect for Ultra High-Performance computing our range of quad Opteron 6300 Series powered rackmont servers introduce 16-core x86 server processors with the highest core density for incredible scalability to handle demanding multi-threaded workloads such as cloud computing, virtualisation, HPC and business applications. Configurable with up to 1TB DDR3 RAM and 64 processing cores.

Storage Servers
Configure From £1,078

Multi award-winning, enterprise-grade storage solutions used by the world's top organisations.

As-well as thousands of SMBs for everything from backup and replication to high-availability storage.

Rackmount Servers
Configure From £434

Year-after-year voted the best servers available by the most influential IT brand in the UK.

Our CyberServe range of servers are used by all of the UK's top universities and thousands of SMBs.

Workstations
Configure From £234

Ultra high performance workstations built for the most demanding applications.

Our CyberStation range boasts everything from silent workstations to GPU supercomputers.

Trusted by the Worlds Biggest Brands

We have established ourselves as one of the biggest storage providers in the UK, and since 1989 supplied our server and storage solutions to the world's biggest brands. Our customers include: