

A mini computer in a blade

Mission critical systems demand the power and reliability of mid-range computer systems. Meet the blade server that can match these demands and provide a more flexible computing platform.

Blade systems are becoming the workhorse of the datacentre, replacing rack mounted servers. They are power-efficient, cost less to manage, provide an adaptable infrastructure and have more computing power per rack slot than any other computing solution.

HP has now extended its Integrity blades portfolio with the new HP Integrity BL870c built around the Intel® Itanium® processor.

Capable and flexible

The BL870c is a quad processor, dual core server blade using the Intel Itanium 9100 series (Montvale) processor. It can support up to 96GB of RAM and has four Small Form Factor (SFF) Serial Attached SCSI (SAS) drives – and all in a full height double width blade.

At launch the BL870c supports a wide range of operating systems including HP-UX 11i v2 and v3, OpenVMS, RHE 5.0 & SLES 10 Linux and Microsoft Windows® Server 2003 enterprise and Datacentre edition. With three expansion cards supporting dual-port 4Gb fibre channel, 20Gb/s InfiniBand and 4 port GbE, the BL870c can connect to virtually anything in the datacentre.

The BL870c benefits from all the innovations built into the HP BladeSystem cClass enclosures, including [Thermal Logic](#) and [Virtual Connect](#), to deliver a power efficient and adaptable IT infrastructure. The BL870c server blade further demonstrates the adaptability of the HP BladeSystem cClass, allowing customers to deploy a heterogeneous blades environment in a single enclosure.

Application Ready

There are now over 13,000 software applications available for HP Integrity platforms. In addition, HP has now introduced a series of BladeSystem Solution Blocks based on Integrity Blades with sample configurations for SAP-ERP, Oracle Fusion Middleware, IBM WebSphere, BEA AquaLogic and Siemens PLM applications.

This places the BL870c at the heart of your business, with the power to keep all your applications running.

Ease of Management

As a blade server, the BL870c requires no special management tools. Administrators can quickly begin managing it using HP System Insight Manager, the same tool that they use for their existing HP blades.

To get you started, the BL870c comes with its own Integrated Light Out (iLO) 2 Advanced Pack. This allows you to take control as soon as the BL870c is inserted into your blade system enclosure. With support for HP Virtual Server Environment and Virtualisation Manager you can begin moving your applications onto the BL870c as soon as you are ready.

Mini computer power and performance

With its four dual core Itanium processors and 96GB RAM, the BL870c is a complete mini-computer solution in a blade server format. Computing in this form factor has never been more powerful, more adaptable or more affordable.

To learn more about the HP BladeSystem visit the [EMEA BladeSystem Community](#) – here you will have access to libraries of information including whitepapers, demos, ROI tools and configuration guides.

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