

HP Solutions for CAE - 2007



xw8400 / xw9400 Workstation

- two dual core Xeon or Opteron (2p/4c)
- 8 to 16 GB memory
- NVidia FX3500 graphics
- dual SATA disks or 4x73GB SAS RAID0 disk array
- 64-bit Windows XP or Linux
- 20" TFT Flat Panel display

**Ideal CAE desktop
with 64-bit power**

dl585G2 Server



- four dual core Opteron 2.8GHz (4p/8c)
- 32 to 64 GB memory
- 2x73GB SAS root disk and data disk
- 6x73GB SAS RAID0 disk array for scratch file I/O
- 64-bit Windows Server 2003 or Linux
- ILO management software
- redundant power supply

rx3600 or rx7660 Server



- two dual core Itanium 1.6GHz (2p/4c)
OR:
- eight dual core Itanium 1.6GHz (8p/16c)
- 48 to 128GB memory
- 2x73GB SAS root disk and data disk
- external MSA30 disk array for scratch file I/O
- Linux or HP-UX 11.31
- redundant power supply

Ideal SMPs for all Structural Analysis and pre/post processing



32-core Cluster (Windows CCS)

- one Head node for management (4GB) or also pre/post (32 GB memory)
- eight Xeon Compute nodes, each 2p/4c 3GHz
- 2-4 GB/core and 72GB SAS disk in compute nodes
- Gigabit Ethernet cluster switch
- 100BT Ethernet management switch
- 64-bit Windows Compute Cluster Server 2003



**Check with your ISVs
on Application
Porting Status**

**Ideal for off-loading workstation
jobs to Windows compute engine**



XC3000BL - 128-core Cluster (XC Linux)

- XC operating environment (with Linux, cluster management tools, LSF & HP-MPI licenses)
- 1 head node (DL380G5, 8GB mem, 4x146GB disk)
- 32 compute nodes (2p/4c hh blades in 2 enclosures)
- two 3.0GHz dual core Xeon5160 processors
- 2-4 GB/core
- two 146GB SAS internal disks
- 4xDDR InfiniBand cluster interconnect
- Factory integration & on-site h/w and s/w installation
- 3 year S/W and Next Day hardware support

**Most efficient power
and cooling
solution per core**

Ideal for DMP execution of CFD and Impact Analysis

