

WCS Computer Hardware and Software Recommendations

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HP Tower Server or equivalent recommendation

HP DL380 G8

SMART BUY DL380P GEN8 E5-2620 2.0G 1P 16GB SVR

Intel Xeon E5-2620 6-Core (2.00GHz 15MB) 16GB (2 x 8GB)

PC3L-10600 DDR3 1333MHz RDIMM (Low Voltage) 8 x

Hot-Pluggable 3.5in Large Form Factor Smart Carrier Smart

Array P420i/512MB with FBWC 2 x 460W

127964 HPCD-B127964 SMART BUY 4GB KIT 1X4GB SR X4 DDR3 PC3L-10600R 2

128777 HPCD-F128777 300GB 6G SAS 10K SFF SC ENT HDD/S-BUY 5

104208 HPCD-S104208 SMART BUY 3YR UPG WARR ONSITE 24X7 4HR PROLIANT

Microsoft Licensing

128965 MSFT-P128965 WINSVRSTD 2012 SNGL OLP NL 2PROC

128997 MSFT-P128997 WINSVRCAL 2012 SNGL OLP NL USRCAL

127653 MSFT-P127653 SQLSVRSTD 2012 SNGL OLP NL

127654 MSFT-P127654 SQLCAL 2012 SNGL OLP NL USRCAL

128959 MSFT-D128959 WINRMTDSKTPSRVCSCAL 2012 SNGL OLP NL USRCAL

HP Desktop Client or equivalent recommendation

- SMART CHOICE DC5800
- SMART BUY 19IN WS LCD 1280X1024 monitor or a touch screen monitor 22" or larger makes for an efficient operator interface.
- Processor - Intel® Pentium® Dual-Core Processor E6300 (2.80 GHz, 2 MB L2 cache, 1066 MHz FSB)
- Form factor - Small Form Factor
- Memory - Standard memory 2 GB 1333 MHz DDR3 SDRAM
- Storage
 - Internal Drive - 160 GB 7200 rpm SATA 3.0 Gb/s NCQ, Smart IV
 - Optical Drive - 16X SATA SuperMulti LightScribe DVD+/-RW
- Serial - 1 serial
 - **1 serial (optional 2nd)
- Network interface - 10/100/1000 NIC
- Dimensions and weight
 - Weight - 16.0 lb (7.26 kg)
 - Dimensions (w x d x h) - 13.30 x 14.90 x 3.95 in (337.8 x 378.5 x 100.3 mm)
- Warranty - SMART BUY 3YR UPG WARR ONSITE

- Operating System - Windows XP Professional (available through downgrade rights from Genuine Windows® 7 Professional)

MS SQL Server

For small systems, 2-4 users, the use of SQL Express 2008 or SQL Express 2012 is recommended. The disadvantage is sql jobs cannot be created; i.e. auto purging of log tables.

All other systems should have the full version of MS SQL 2008 or SQL 2012.

Operating Systems

For servers Windows 2008 or 2012 should be used.

For clients Windows 7 or 8. The software does run under Windows XP Pro.

MS Terminal Server

If you going to virtualize using MS terminal server products, remember that Server 2008 only comes with 2 connections, which should be used for support. Purchase enough licenses to support all clients.