

# Stratus Avance Compatibility Matrix R2.0.0

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## Dell Servers

Model	CPU Chip Vendor / Model	Network Interface Controllers	Storage Controllers
<b>Dell PowerEdge™ 1950</b> <b>Description:</b> 2 CPU Socket, 1U Rack  <b>Min/Max Mem:</b> 2/32 GB <b>Min/Max Disks:</b> 2/2	<ul style="list-style-type: none"> <li>▪ Intel® 5100 Series</li> <li>▪ Intel 5300 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded Broadcom NetXtreme® II 5708 Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Dual Port Server Adapter, Gigabit NIC</li> <li>▪ Intel® PRO 1000PT Full Height Quad Port 1GbE NIC (EXPI9404PT)</li> <li>▪ Intel® PRO 1000PT Low Profile Quad Port 1GbE NIC (EXPI9404PTL)</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 5/i Integrated</li> <li>▪ SAS 5/i Integrated</li> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> </ul>
<b>Dell PowerEdge 1950 III</b> <b>Description:</b> 2 CPU Socket, 1U Rack  <b>Min/Max Mem:</b> 2/64 GB <b>Min/Max Disks:</b> 2/6	<ul style="list-style-type: none"> <li>▪ Intel 5100 Series</li> <li>▪ Intel 5200 Series</li> <li>▪ Intel 5300 Series</li> <li>▪ Intel X5400 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded Broadcom NetXtreme® II 5708 Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Dual Port Server Adapter, Gigabit NIC</li> <li>▪ Intel® PRO 1000PT Full Height Quad Port 1GbE NIC (EXPI9404PT)</li> <li>▪ Intel® PRO 1000PT Low Profile Quad Port 1GbE NIC (EXPI9404PTL)</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> <li>▪ PERC 5/i Integrated</li> <li>▪ SAS 5/i Integrated</li> </ul>
<b>Dell PowerEdge 2900</b> <b>Description:</b> 2 CPU Socket, Tower or Rack  <b>Min/Max Mem:</b> 2/48 GB <b>Min/Max Disks:</b> 2/10	<ul style="list-style-type: none"> <li>▪ Intel 5100 Series</li> <li>▪ Intel 5300 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded Broadcom NetXtreme II 5708 Dual Port 1GbE NIC;</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel® PRO 1000PT Full Height Quad Port 1GbE NIC (EXPI9404PT)</li> <li>▪ Intel® PRO 1000PT Low Profile Quad Port 1GbE NIC (EXPI9404PTL)</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 5/i Integrated</li> <li>▪ SAS 5/i Integrated</li> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> </ul>
<b>Dell PowerEdge 2900 III</b> <b>Description:</b> 2 CPU Socket, Tower or Rack  <b>Min/Max Mem:</b> 2/48 GB <b>Min/Max Disks:</b> 2/10	<ul style="list-style-type: none"> <li>▪ Intel 5100 Series</li> <li>▪ Intel 5200 Series</li> <li>▪ Intel 5300 Series</li> <li>▪ Intel X5400 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded Broadcom NetXtreme II 5708 Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel® PRO 1000PT Full Height Quad Port 1GbE NIC (EXPI9404PT)</li> <li>▪ Intel® PRO 1000PT Low Profile Quad Port 1GbE NIC (EXPI9404PTL)</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> <li>▪ PERC 5/i Integrated</li> <li>▪ SAS 5/i Integrated</li> </ul>
<b>Dell PowerEdge 2950</b> <b>Description:</b> 2 CPU Socket, 2U Rack  <b>Min/Max Mem:</b> 2/32 GB <b>Min/Max Disks:</b> 2/8	<ul style="list-style-type: none"> <li>▪ Intel 5100 Series</li> <li>▪ Intel 5300 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded Broadcom NetXtreme II 5708 Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel® PRO 1000PT Full Height Quad Port 1GbE NIC (EXPI9404PT)</li> <li>▪ Intel® PRO 1000PT Low Profile Quad Port 1GbE NIC (EXPI9404PTL)</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 5/i Integrated</li> <li>▪ SAS 5/i Integrated</li> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> </ul>
<b>Dell PowerEdge 2950 III</b> <b>Description:</b> 2 CPU Socket, 2U Rack  <b>Min/Max Mem:</b> 2/64 GB <b>Min/Max Disks:</b> 2/8	<ul style="list-style-type: none"> <li>▪ Intel 5100 Series</li> <li>▪ Intel 5200 Series</li> <li>▪ Intel 5300 Series</li> <li>▪ Intel X5400 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded Broadcom NetXtreme II 5708 Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel® PRO 1000PT Full Height Quad Port 1GbE NIC (EXPI9404PT)</li> <li>▪ Intel® PRO 1000PT Low Profile Quad Port 1GbE NIC (EXPI9404PTL)</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> <li>▪ PERC 5/i Integrated</li> <li>▪ SAS 5/i Integrated</li> </ul>
<b>Dell PowerEdge R300</b> <b>Description:</b> 1 CPU Socket, 1U Rack  <b>Min/Max Mem:</b> 2/24 GB <b>Min/Max Disks:</b> 2/2	<ul style="list-style-type: none"> <li>▪ Intel L5400 Series</li> <li>▪ Intel X5400 Series</li> <li>▪ Intel X3300 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded Broadcom NetXtreme II 5708 Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Single Port 1GbE NIC</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ SAS 6/iR Adapter</li> </ul>

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<b>Dell PowerEdge R410</b> <b>Description:</b> 2 CPU Socket, 1U Rack  <b>Min/Max Mem:</b> 2/64 GB <b>Min/Max Disks:</b> 2/4	<ul style="list-style-type: none"> <li>▪ Intel X5500 Series</li> <li>▪ Intel E5500 Series</li> <li>▪ Intel L5500 Series</li> <li>▪ Intel 5600 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded Broadcom Corporation NetXtreme II BCM5716 Gigabit Ethernet</li> <li>▪ Broadcom NetXtreme II 5709 Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Full Height Quad Port Server Adapter, Gigabit NIC (EXPI9404PT)</li> <li>▪ Intel® PRO 1000PT Low Profile Quad Port Server Adapter, Gigabit NIC (EXPI9404PTL)</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> <li>▪ PERC H700</li> </ul>
<b>Dell PowerEdge R610</b> <b>Description:</b> 2 CPU Socket, 1U Rack  <b>Min/Max Mem:</b> 2/96 GB <b>Min/Max Disks:</b> 2/6	<ul style="list-style-type: none"> <li>▪ Intel X5500 Series</li> <li>▪ Intel E5500 Series</li> <li>▪ Intel L5500 Series</li> <li>▪ Intel 5600 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded &amp; Add-in Broadcom NetXtreme II 5709 Dual Port 1GbE NICs</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Full Height Quad Port Server Adapter, Gigabit NIC (EXPI9404PT)</li> <li>▪ Intel® PRO 1000PT Low Profile Quad Port Server Adapter, Gigabit NIC (EXPI9404PTL)</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> <li>▪ PERC H700</li> </ul>
<b>Dell PowerEdge R710</b> <b>Description:</b> 2 CPU Socket, 2U Rack  <b>Min/Max Mem:</b> 2/144 GB <b>Min/Max Disks:</b> 2/8	<ul style="list-style-type: none"> <li>▪ Intel X5500 Series</li> <li>▪ Intel E5500 Series</li> <li>▪ Intel L5500 Series</li> <li>▪ Intel 5600 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded &amp; Add-in Broadcom NetXtreme II 5709 Dual Port 1GbE NICs</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Full Height Quad Port Server Adapter, Gigabit NIC (EXPI9404PT)</li> <li>▪ Intel PRO 1000PT Low Profile Quad Port Server Adapter, Gigabit NIC (EXPI9404PTL)</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> <li>▪ PERC H700</li> </ul>
<b>Dell PowerEdge T300</b> <b>Description:</b> 1 CPU Socket, Tower  <b>Min/Max Mem:</b> 2/24 GB <b>Min/Max Disks:</b> 2/4	<ul style="list-style-type: none"> <li>▪ Intel X5400 Series</li> <li>▪ Intel L5400 Series</li> <li>▪ Intel X3300 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Intel PRO 1000PT 1GbE Dual Port NIC</li> <li>▪ Intel PRO 1000PT 1GbE Single Port NIC</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> </ul>
<b>Dell PowerEdge T310</b> <b>Description:</b> 1 CPU Socket, Tower  <b>Min/Max Mem:</b> 2/32 GB <b>Min/Max Disks:</b> 2/4	<ul style="list-style-type: none"> <li>▪ Intel 3400 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded Broadcom Corporation NetXtreme II BCM5716 Gigabit Ethernet</li> <li>▪ Broadcom NetXtreme II 5709 Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Full Height Quad Port Server Adapter, Gigabit NIC (EXPI9404PT)</li> <li>▪ Intel® PRO 1000PT Low Profile Quad Port Server Adapter, Gigabit NIC (EXPI9404PTL)NIC</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> <li>▪ PERC H700</li> </ul>
<b>Dell PowerEdge T410</b> <b>Description:</b> 2 CPU Socket, Tower  <b>Min/Max Mem:</b> 2/64 GB <b>Min/Max Disks:</b> 2/6	<ul style="list-style-type: none"> <li>▪ Intel X5500 Series</li> <li>▪ Intel E5500 Series</li> <li>▪ Intel 5600 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded Broadcom Corporation NetXtreme II BCM5716 Gigabit Ethernet</li> <li>▪ Broadcom NetXtreme II 5709 Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Full Height Quad Port Server Adapter, Gigabit NIC (EXPI9404PT)</li> <li>▪ Intel® PRO 1000PT Low Profile Quad Port Server Adapter, Gigabit NIC (EXPI9404PTL)</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> <li>▪ PERC H700</li> </ul>

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<b>Dell PowerEdge T610</b> <b>Description:</b> 2 CPU Socket, Tower or 5U Rack  <b>Min/Max Mem:</b> 2/96 GB <b>Min/Max Disks:</b> 2/8	<ul style="list-style-type: none"> <li>▪ Intel X5500 Series</li> <li>▪ Intel E5500 Series</li> <li>▪ Intel L5500 Series</li> <li>▪ Intel 5600 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded &amp; Add-in Broadcom NetXtreme II 5709 Dual Port 1GbE NICs</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Full Height Quad Port Server Adapter, Gigabit NIC (EXPI9404PT)</li> <li>▪ Intel PRO 1000PT Low Profile Quad Port Server Adapter, Gigabit NIC (EXPI9404PTL)</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> <li>▪ PERC H700</li> </ul>
<b>Dell PowerEdge T710</b> <b>Description:</b> 2 CPU Socket, Tower or 5U Rack  <b>Min/Max Mem:</b> 2/96 GB <b>Min/Max Disks:</b> 2/8	<ul style="list-style-type: none"> <li>▪ Intel X5500 Series</li> <li>▪ Intel E5500 Series</li> <li>▪ Intel L5500 Series</li> <li>▪ Intel 5600 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded &amp; Add-in Broadcom NetXtreme II 5709 Dual Port 1GE NICs</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000PT Full Height Quad Port Server Adapter, Gigabit NIC (EXPI9404PT)</li> <li>▪ Intel PRO 1000PT Low Profile Quad Port Server Adapter, Gigabit NIC (EXPI9404PTL)</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ PERC 6/i Integrated</li> <li>▪ SAS 6/iR Integrated</li> <li>▪ PERC H700</li> </ul>

## Hewlett-Packard Servers

Model	CPU Chip Vendor / Model	Network Interface Controllers	Storage Controllers
<b>HP ProLiant DL360 G5</b> <b>Description:</b> 2 CPU Socket, 1U Rack  <b>Min/Max Mem:</b> 2/64 GB <b>Min/Max Disks:</b> 2/4	<ul style="list-style-type: none"> <li>▪ Intel 5100 Series</li> <li>▪ Intel 5200 Series</li> <li>▪ Intel 5300 Series</li> <li>▪ Intel X5400 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ HP Embedded NC373i Gb</li> <li>▪ HP NC360T Dual Port Gigabit NIC</li> </ul>	<ul style="list-style-type: none"> <li>▪ P400 256 MB Cache w/ BBWC</li> <li>▪ P400 512 MB Cache w/ BBWC</li> <li>▪ P600 256 MB Cache w/ BBWC</li> <li>▪ P600 512 MB Cache w/ BBWC</li> <li>▪ P800 512 MB Cache w/ BBWC</li> </ul>
<b>HP ProLiant DL360 G6</b> <b>Description:</b> 2 CPU Socket, 1U Rack  <b>Min/Max Mem:</b> 2/144 GB <b>Min/Max Disks:</b> 2/8 <sup>1</sup>	<ul style="list-style-type: none"> <li>▪ Intel E5500 Series</li> <li>▪ Intel L5500 Series</li> <li>▪ Intel X5500 Series</li> <li>▪ Intel 5600 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ HP Embedded NC382i Dual Port Gigabit NIC</li> <li>▪ HP NC360T Dual Port Gigabit NIC</li> <li>▪ HP NC364T Quad Port Gigabit NIC</li> <li>▪ HP NC382T Dual Port Gigabit NIC</li> </ul>	<ul style="list-style-type: none"> <li>▪ P410i 512 MB Cache w/ BBWC</li> <li>▪ P600 256 MB Cache w/ BBWC</li> <li>▪ P600 512 MB Cache w/ BBWC</li> <li>▪ P800 512 MB Cache w/ BBWC</li> </ul>
<b>HP ProLiant DL370 G6</b> <b>Description:</b> 2 CPU Socket, 4U Rack  <b>Min/Max Mem:</b> 2/144 GB <b>Min/Max Disks:</b> 2/24	<ul style="list-style-type: none"> <li>▪ Intel E5500 Series</li> <li>▪ Intel L5500 Series</li> <li>▪ Intel X5500 Series</li> <li>▪ Intel 5600 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ HP NC375i Quad Port 1GbE NIC</li> <li>▪ HP NC360T Dual Port Gigabit NIC</li> <li>▪ HP NC364T Quad Port Gigabit NIC</li> <li>▪ HP NC382T Dual Port Gigabit NIC</li> </ul>	<ul style="list-style-type: none"> <li>▪ P410i 512 MB Cache w/ BBWC</li> </ul>
<b>HP ProLiant DL380 G5</b> <b>Description:</b> 2 CPU Socket, 2U Rack  <b>Min/Max Mem:</b> 2/64 GB <b>Min/Max Disks:</b> 2/8	<ul style="list-style-type: none"> <li>▪ Intel 5100 Series</li> <li>▪ Intel 5200 Series</li> <li>▪ Intel 5300 Series</li> <li>▪ Intel X5400 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ HP Embedded NC373i Gb</li> <li>▪ HP NC360T Dual Port Gigabit NIC</li> <li>▪ HP NC364T Quad Port Gigabit NIC</li> </ul>	<ul style="list-style-type: none"> <li>▪ P400 256 MB Cache w/ BBWC</li> <li>▪ P400 512 MB Cache w/ BBWC</li> <li>▪ P600 256 MB Cache w/ BBWC</li> <li>▪ P600 512 MB Cache w/ BBWC</li> <li>▪ P800 512 MB Cache w/ BBWC</li> </ul>
<b>HP ProLiant DL380 G6</b> <b>Description:</b> 2 CPU Socket, 2U Rack  <b>Min/Max Mem:</b> 2/144 GB <b>Min/Max Disks:</b> 2/16 <sup>2</sup>	<ul style="list-style-type: none"> <li>▪ Intel X5500 Series</li> <li>▪ Intel E5500 Series</li> <li>▪ Intel L5500 Series</li> <li>▪ Intel 5600 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ HP Embedded NC382i Dual Port Gigabit NIC</li> <li>▪ HP NC360T Dual Port Gigabit NIC</li> <li>▪ HP NC364T Quad Port Gigabit NIC</li> <li>▪ HP NC382T Dual Port Gigabit NIC</li> </ul>	<ul style="list-style-type: none"> <li>▪ P410i 512 MB Cache w/ BBWC</li> <li>▪ P600 256 MB Cache w/ BBWC</li> <li>▪ P600 512 MB Cache w/ BBWC</li> <li>▪ P800 512 MB Cache w/ BBWC</li> </ul>
<b>HP ProLiant ML370 G5</b> <b>Description:</b> 2 CPU Socket, Tower or 5U Rack  <b>Min/Max Mem:</b> 2/64 GB <b>Min/Max Disks:</b> 2/16	<ul style="list-style-type: none"> <li>▪ Intel 5100 Series</li> <li>▪ Intel 5200 Series</li> <li>▪ Intel 5300 Series</li> <li>▪ Intel X5400 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ HP Embedded NC373i Gb</li> <li>▪ HP NC360T Dual Port Gigabit NIC</li> <li>▪ HP NC364T Quad Port Gigabit NIC</li> </ul>	<ul style="list-style-type: none"> <li>▪ P400 256 MB Cache w/ BBWC</li> <li>▪ P400 512 MB Cache w/ BBWC</li> <li>▪ P600 256 MB Cache w/ BBWC</li> <li>▪ P600 512 MB Cache w/ BBWC</li> <li>▪ P800 512 MB Cache w/ BBWC</li> </ul>
<b>HP ProLiant ML370 G6</b> <b>Description:</b> 2 CPU Socket, Tower  <b>Min/Max Mem:</b> 2/144 GB <b>Min/Max Disks:</b> 2/24	<ul style="list-style-type: none"> <li>▪ Intel E5500 Series</li> <li>▪ Intel L5500 Series</li> <li>▪ Intel X5500 Series</li> <li>▪ Intel 5600 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ HP NC375i Quad Port 1GbE NIC</li> <li>▪ HP NC360T Dual Port Gigabit NIC</li> <li>▪ HP NC364T Quad Port Gigabit NIC</li> <li>▪ HP NC382T Dual Port Gigabit NIC</li> </ul>	<ul style="list-style-type: none"> <li>▪ P410i 512 MB Cache w/ BBWC</li> </ul>

<sup>1</sup> USB CD Drive required for Avance install and VCD creation on 8 drive chassis

<sup>2</sup> USB CD Drive required for Avance install and VCD creation on 16 drive chassis

## Tarox Servers

Model	CPU Chip Vendor / Model	Network Interface Controllers	Storage Controllers
<b>Tarox: ParX 2500R G3</b> <b>Description:</b> 2 CPU Socket, 2U Rack  <b>Min/Max Mem:</b> 2/144 GB <b>Min/Max Disks:</b> 2/6	<ul style="list-style-type: none"> <li>▪ Intel 5500 Series</li> <li>▪ Intel 5600 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded Intel® 82575EB NIC</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ LSI MegaRAID SAS 9260-8i</li> </ul>

## Wortmann Servers

Model	CPU Chip Vendor / Model	Network Interface Controllers	Storage Controllers
<b>Wortmann: Terra Server 6420</b> <b>Description:</b> 2 CPU Socket, Rack/Tower  <b>Min/Max Mem:</b> 2/144 GB <b>Min/Max Disks:</b> 2/6	<ul style="list-style-type: none"> <li>▪ Intel 5500 Series</li> <li>▪ Intel 5600 Series</li> </ul>	<ul style="list-style-type: none"> <li>▪ Embedded Intel® 82575EB NIC</li> <li>▪ Intel PRO 1000PT Dual Port 1GbE NIC</li> <li>▪ Intel PRO 1000 ET Dual &amp; Quad Port NICs</li> </ul>	<ul style="list-style-type: none"> <li>▪ LSI MegaRAID SAS 9260-8i</li> </ul>

## Guest Operating Systems

32-bit Windows 2000 Server SP4

Windows XP SP3

32-bit Windows Server 2003, SP1, SP2, R2

64-bit Windows Server 2003 SP2

32/64-bit Windows Server 2008, SP1, SP2, R2

32-bit Red hat Enterprise Linux 4.6, 4.7

32/64-bit Red Hat Enterprise Linux 5.1, 5.2, 5.3

32-bit CentOS Linux 4.6, 4.7

32/64 bit CentOS 5.1, 5.2, 5.3

## Internet Browsers

Microsoft Internet Explorer™ IE8

Mozilla Firefox 3.6+

## Physical Machine Configuration Restrictions

Physical Device	Minimum	Maximum Tested	Architected	Notes
Number CPU Sockets per Physical Machine	1	4	No Practical limit	
Number of Cores per CPU Socket	2	6	No Practical limit	
Physical Memory	2 GBytes	64 GBytes	128 GBytes	
Internal Disk Count per Physical Machine	2	24	No Limit	A minimum of two drives per PM is required for mirroring of the Avance system disk. VM disks/volumes are not mirrored locally; they are mirrored across nodes.
Internal Disk Speed	7.2k RPM	15k RPM	No Limit	Slower/lower quality drives are not supported or recommended for HA environments
Private Link Enet Ports	1	1	1	
Business Enet Ports	1	11	No Limit	If you are utilizing multiple add-on NICs in your servers, all NICs must be identical to ensure proper port enumeration. Larger port counts can be tested upon request.

## Virtual Machine Configuration Restrictions

Virtual Device	Minimum	Maximum Tested	Architected	Notes
Number of Virtual CPUs per VM	1	8	8	
Memory for 32 bit without PAE VM	512 MB	4 Gigabit	4 Gigabit	
Memory for 32 bit with PAE VM	512 MB	32 Gigabit	32 Gigabit	
Memory for 64 bit VM	512 MB	32 Gigabit	32 Gigabit	
Number of Virtual Disks (Volumes) per Linux VM	1	7	8	
Number of Virtual Disks (Volumes) per Windows VM	1	7	7	
Number of Virtual Networks per Windows VM	1	5	7	
Number of Virtual Networks (VIFs) per Linux VM	1	3	7	
Combined Total Volumes and/or VCDs per Avance Unit		62	253	
Number of Virtual Machines per Avance Unit	1	16	50	
Combined Total Virtual Network Interfaces per Avance Unit		16	64	

## Other Restrictions

Feature	Minimum
Avance System Disk	Physical Machines configured with a single disk or single RAID 0 logical volume are <b>NOT Supported</b> . Single RAID 1 and 5 logical volumes are supported. <ul style="list-style-type: none"> <li>For non-RAID configurations, a minimum of 2 disks is required.</li> <li>PMs with a RAID 0 logical disk must have at least one additional logical disk (any supported RAID type).</li> </ul>
RAID Configurations	Only RAID types 0, 1 and 5 are supported.
Global Disk Sparing	Avance does not support global disk sparing with Dell PERC 5 controllers. If this is attempted, Avance software reconfigures the drive to a RAID 0 drive. Please upgrade to a newer Dell controller if global sparing is required.
USB Support	Direct attach USB devices are <b>not supported</b> . Network-attached USB devices like the one from Digi ( <a href="http://www.digi.com/products/usb/anywhereusb.jsp">http://www.digi.com/products/usb/anywhereusb.jsp</a> ) are recommended. This enables the USB device to be seen by both physical machines, thus access is not lost as a result of failovers.
Add-on NIC Restrictions	All add-on network cards must be identical in vendor, model number, and form factor.
Add-in Server Management	<b>The Dell DRAC4 and DRAC5 add-in cards are not supported.</b> Do not install either of these add-in management cards to your system
Direct Attach Tape Drives	Direct attach tape drives are <b>not supported</b> and therefore not recommended for an HA solution as there is no ability to fail-over the connection to most drives. Stratus recommends utilizing cost effective network attach tape drives.
Direct Attach VGA	The host OS/Virtualization layer is closed to ensure the highest levels of security and availability. Thus we <b>do not support</b> console connectivity. Network/Remote VGA is recommended for the HA/virtualized environment.

Learn more about our award-winning software at [www.stratus.com/avance](http://www.stratus.com/avance)



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