

## DDS - System Requirement

Server Requirement	
<b>Server motherboard</b>	Gigabytes DS Series, Asus i945, i965 chipsets (integrated 1000Mbps Network adapter), Intel Xeon Server Mainboard
<b>Network Adapter</b>	Recommend to use Intel Pro 1000 (for those motherboard without 1000Mbps network adapter)
<b>Network Switches</b>	Recommend to use Dlink/3COM (24x100Mbps+2x1000Mbps) Switch, or 1000Mbps Network Management Switch
<b>IDE RAID Card</b>	Recommend to use Promise TX4000 IDE Raid Card, Rocket RAID 404/454
<b>SATA RAID Card</b>	Recommend to use Promise TX4200/ 4300 SATA Raid Card, Rocket RAID 1640 Raid card
<b>SATA 2 RAID Card</b>	Recommend to use Promise TX4310 SATA Raid Card, Promise TX4 S150, the Rocket RAID 2220 Raid card
<b>SCSI RAID Card</b>	Recommend to use Adapter 29320, 39320, 2010S, 2130S, DELL 2610
<b>Other SATA Controller</b>	Recommend to use ICH7R, ICH8R, Silicon Image 3114/3124 (can use as software RAID)

Software Requirement	
<b>Server Operating System</b>	Windows 2000 Server, Windows 2003 Server or Linux
<b>Client's PC Operating System</b>	Windows 2000 + SP4 or Windows XP + SP1/SP2

Small Network Environment (Client PCs <60)	
<b>Server Memory</b>	1-2G memory
<b>Game Disk</b>	Uses two IDE hard disk and setup as RAID 0 using IDE RAID Card
<b>Operating System Disk</b>	Uses one IDE hard disk or two IDE hard disk and setup as RAID 0 using IDE RAID Card to install the operating system and store the image files
<b>Network Adapter</b>	2 units 100Mbps Network Adapter or 1 unit 1000Mbps Network Adapter (Recommend to use 1000Mbps)
<b>RAID Card</b>	Has 4 channels IDE Card for example:TX4000 (supports the IDE hard disk)

<b>Medium Network Environment (Client PCs 60-140)</b>	
<b>Server Memory</b>	2G memory
<b>Game Disk</b>	Uses two SATA/SATA2 hard disk and setup as RAID 0 using SATA/SATA2 RAID Card
<b>Operating System Disk</b>	Uses two SATA/SATA2 hard disk and setup as RAID 0 using SATA/SATA2 RAID Card to install the operating system and store the image files
<b>Network Adapter</b>	1 unit 1000Mbps Network Adapter
<b>RAID Card</b>	Has 4 channels SATA/SATA2 RAID Card for example: TX4000 S150 (supports the SATA hard disk)
<b>Network Switches</b>	Switches come with 2*1000Mbps Uplink port and 24*100 Mbps ports or Switches come with 1000Mbps * 24 ports

<b>Large Network Environment (Client PCs &gt; 140)</b>	
<b>Server Memory</b>	About 2-4G memory
<b>Game Disk</b>	Uses two SATA/SATA2 hard disk and setup as RAID 0 using SATA/SATA2 RAID Card (Recommend to use SCSI RAID)
<b>Operating System Disk</b>	Uses two SATA/SATA2 hard disk and setup as RAID 0 using SATA/SATA2 RAID Card to install the operating system and store the image files (Recommend to use SCSI RAID)
<b>Network Adapter</b>	2 unit 1000Mbps Network Adapter
<b>RAID Card</b>	Has 4 channels SATA/SATA2 RAID Card for example: TX4000 S150 (supports the SATA hard disk) (Recommend to use SCSI RAID)
<b>Network Switches</b>	Switches come with 1000Mbps * 24 ports, running pure 1000Mbps network environment