





























| nsider the 4-way "Processor"         |       |            |       |         |
|--------------------------------------|-------|------------|-------|---------|
|                                      | ,     |            |       |         |
| Technology                           | Chips | Processors | Cores | Threads |
| IStar/SStar (w/HMT)                  | 4     | 4          | 4     | 8       |
| Power4                               | 2     | 4          | 4     | 4       |
| Power5 (w/SMT)                       | 2     | 4          | 4     | 8       |
| Intel-single core<br>(w/hyperthread) | 4     | 4          | 4     | 8       |
| Intel-dual core (w/HT)               | 4     | 4          | 8     | 16      |
| AMD-single core                      | 4     | 4          | 4     | 4       |
| AMD-dual core                        | 4     | 4          | 8     | 8       |
| Sun SPARC3                           | 4     | 4          | 4     | 4       |
| Sun SPARC4                           | 4     | 4          | 8     | 8       |
| Sun Niagara                          | 4     | 4          | 32    | 128     |

















































































