

History of CPU Performance

| Year | Machine type | MFLOPS |
|------|---------------------------|----------|
| 1979 | HITACHI M-180(2machines) | 36 |
| | HITACHI M-180 | 18 |
| 1980 | HITACHI M-200H | 48 |
| | Sum | 66 |
| 1982 | HITACHI M-200H(2machines) | 52 |
| | HITACHI M-680H | 16 |
| 1986 | HITACHI S-810/10 | 315 |
| | Sum | 331 |
| | HITACHI M-680H | 16 |
| 1988 | HITACHI S-820/80 | 2,000 |
| | Sum | 2,016 |
| | HITACHI M-680H(+) | 32 |
| 1991 | HITACHI S-820/80 | 2,000 |
| | Sum | 2,032 |
| | HITACHI M-680H(+) | 32 |
| 1994 | NEC SX-3/34R (3CPU) | 19,200 |
| | Sum | 19,232 |
| | IBM SP2(Wide24 machines) | 288.0×24 |
| | IBM SP2(Thin24 machines) | 118.0×24 |
| 1995 | NEC HSP | 300 |
| | NEC SX-3/34R (3CPU) | 19,200 |
| | Sum | 29,244 |
| | IBM SP2(Wide24 machines) | 288.0×24 |
| | IBM SP2(Thin24 machines) | 118.0×24 |
| 1999 | NEC SX-5 (8CPU) | 64,000 |
| | NEC SX-3/34R (3CPU) | 19,200 |
| | Sum | 92,944 |
| | IBM SP2(Wide24 machines) | 288.0×24 |
| 2000 | IBM SP2(Thin24 machines) | 118.0×24 |
| | NEC SX-5 (8CPU) | 64,000 |
| | Fujitsu VPP5000 (30PE) | 288,000 |
| | SGI SGI2800 (256CPU) | 153,000 |
| | Sum | 514,744 |
| | IBM SP2(Wide24 machines) | 288.0×24 |
| 2001 | IBM SP2(Thin24 machines) | 118.0×24 |
| | NEC SX-5 (8CPU) | 64,000 |
| | Fujitsu VPP5000 (30PE) | 288,000 |
| | SGI SGI2800 (192CPU) | 115,200 |
| | SGI Origin3800 (128CPU) | 102,400 |
| | Sum | 579,344 |
| | NEC SX-7 (32CPU) | 282,560 |
| | NEC TX7 (64CPU) | 332,800 |
| | Fujitsu VPP5000 (30PE) | 288,000 |
| | SGI SGI2800 (192CPU) | 115,200 |
| 2003 | | |

| Year | Machine type | MFLOPS |
|------|--|-------------|
| 2006 | SGI Origin3800 (128CPU) | 102,400 |
| | Sum | 1,120,960 |
| | NEC SX-7 (32CPU) | 282,560 |
| | NEC TX7 (64CPU) | 332,800 |
| | Fujitsu PRIMEQUEST (64CPU×10Nodes) | 4,096,000 |
| | SGI Altix4700 (512CPU+128CPU) | 4,096,000 |
| 2008 | Sum | 8,807,360 |
| | Fujitsu PRIMEQUEST (64CPU×10Nodes) | 4,096,000 |
| | SGI Altix4700 (512CPU+128CPU) | 4,096,000 |
| | Hitachi SR16000 (32CPU×9Nodes) | 5,414,400 |
| 2011 | Sum | 13,606,400 |
| | Fujitsu PRIMERGY RX300S7 (16Core×342Nodes) | 126,950,400 |
| | (+ NVIDIA Tesla M2090) (32 boards) | 21,280,000 |
| | Fujitsu PRIMEHPC FX10 (16Core×56Nodes) | 20,152,320 |
| | SGI UV 1000 (576Cores) | 6,128,640 |
| | Hitachi SR16000 (32Core×9Nodes) | 5,414,400 |
| 2012 | Sum | 179,925,760 |
| | Fujitsu PRIMERGY RX300S7 (16Core×342Nodes) | 126,950,400 |
| | (+ NVIDIA Tesla M2090) (32 boards) | 21,280,000 |
| | Fujitsu PRIMEHPC FX10 (16Core×56Nodes) | 20,152,320 |
| | SGI UV 2000 (1024Cores) | 21,299,200 |
| | Fujitsu PRIMERGY CX300S1 (16Core×368Nodes) | 136,601,600 |
| 2015 | Sum | 326,283,520 |
| | Fujitsu PRIMERGY RX300S7(5472core) | 126,950,400 |
| | (+ NVIDIA Tesla M2090 32boards) | 21,280,000 |
| | Fujitsu PRIMEHPC FX10(1536core) | 20,152,320 |
| | SGI UV2000(1024core) | 21,299,200 |
| | Fujitsu PRIMERGY CX2550M1(7280core) | 302,848,000 |
| | | 492,529,920 |

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