

IBM Power 780 CPU Configuration

Total system processors: 32

Total system configured processors: 32

Total system deconfigured processors: 0

	Processing unit	Total processors	Configured	Deconfigured
<input type="radio"/>	0	16	16	0
<input type="radio"/>	1	16	16	0

WAS 16-core Dedicated LPAR CPU Configuration

Processing unit: 0

Processor ID	Location code	State	Error type	Change settings
0	U2C4E.001.DBJ0106-P3-C23	Configured	None (0)	Configured ▼ ⓘ
1	U2C4E.001.DBJ0106-P3-C23	Configured	None (0)	Configured ▼ ⓘ
2	U2C4E.001.DBJ0106-P3-C23	Configured	None (0)	Configured ▼ ⓘ
7	U2C4E.001.DBJ0106-P3-C23	Configured	None (0)	Configured ▼ ⓘ
12	U2C4E.001.DBJ0106-P3-C28	Configured	None (0)	Configured ▼ ⓘ
13	U2C4E.001.DBJ0106-P3-C28	Configured	None (0)	Configured ▼ ⓘ
14	U2C4E.001.DBJ0106-P3-C28	Configured	None (0)	Configured ▼ ⓘ
15	U2C4E.001.DBJ0106-P3-C28	Configured	None (0)	Configured ▼ ⓘ
16	U2C4E.001.DBJ0106-P3-C24	Configured	None (0)	Configured ▼ ⓘ
20	U2C4E.001.DBJ0106-P3-C24	Configured	None (0)	Configured ▼ ⓘ
22	U2C4E.001.DBJ0106-P3-C24	Configured	None (0)	Configured ▼ ⓘ
23	U2C4E.001.DBJ0106-P3-C24	Configured	None (0)	Configured ▼ ⓘ
25	U2C4E.001.DBJ0106-P3-C27	Configured	None (0)	Configured ▼ ⓘ
27	U2C4E.001.DBJ0106-P3-C27	Configured	None (0)	Configured ▼ ⓘ
28	U2C4E.001.DBJ0106-P3-C27	Configured	None (0)	Configured ▼ ⓘ
31	U2C4E.001.DBJ0106-P3-C27	Configured	None (0)	Configured ▼ ⓘ

DB 16-core Dedicated LPAR CPU Configuration

Processing unit: 1

Processor ID	Location code	State	Error type	Change settings
33	U2C4E.001.DBJ2946-P3-C23	Configured	None (0)	Configured ▼ ⓘ
34	U2C4E.001.DBJ2946-P3-C23	Configured	None (0)	Configured ▼ ⓘ
36	U2C4E.001.DBJ2946-P3-C23	Configured	None (0)	Configured ▼ ⓘ
39	U2C4E.001.DBJ2946-P3-C23	Configured	None (0)	Configured ▼ ⓘ
40	U2C4E.001.DBJ2946-P3-C28	Configured	None (0)	Configured ▼ ⓘ
42	U2C4E.001.DBJ2946-P3-C28	Configured	None (0)	Configured ▼ ⓘ
43	U2C4E.001.DBJ2946-P3-C28	Configured	None (0)	Configured ▼ ⓘ
44	U2C4E.001.DBJ2946-P3-C28	Configured	None (0)	Configured ▼ ⓘ
48	U2C4E.001.DBJ2946-P3-C24	Configured	None (0)	Configured ▼ ⓘ
50	U2C4E.001.DBJ2946-P3-C24	Configured	None (0)	Configured ▼ ⓘ
52	U2C4E.001.DBJ2946-P3-C24	Configured	None (0)	Configured ▼ ⓘ
54	U2C4E.001.DBJ2946-P3-C24	Configured	None (0)	Configured ▼ ⓘ
56	U2C4E.001.DBJ2946-P3-C27	Configured	None (0)	Configured ▼ ⓘ
59	U2C4E.001.DBJ2946-P3-C27	Configured	None (0)	Configured ▼ ⓘ
60	U2C4E.001.DBJ2946-P3-C27	Configured	None (0)	Configured ▼ ⓘ
61	U2C4E.001.DBJ2946-P3-C27	Configured	None (0)	Configured ▼ ⓘ

WAS and DB LPARs are placed in two different drawers

Drawer DBJ0106 contains WAS 16-core Dedicated LPAR (Partition # 3)

```
# lparstat -i
Node Name                : specj780-plus
Partition Name           : was
Partition Number         : 3
Type                     : Dedicated-SMT-4
Mode                     : Capped
Entitled Capacity        : 16.00
Partition Group-ID       : 32771
Shared Pool ID           : -
Online Virtual CPUs      : 16
Maximum Virtual CPUs     : 16
Minimum Virtual CPUs     : 16
Online Memory             : 235520 MB
Maximum Memory           : 235520 MB
Minimum Memory           : 235520 MB
Variable Capacity Weight : -
Minimum Capacity         : 16.00
Maximum Capacity         : 16.00
Capacity Increment       : 1.00
Maximum Physical CPUs in system : 64
Active Physical CPUs in system : 32
Active CPUs in Pool      : -
Shared Physical CPUs in system : 0
Maximum Capacity of Pool : 0
Entitled Capacity of Pool : 0
Unallocated Capacity     : -
Physical CPU Percentage   : 100.00%
Unallocated Weight       : -
Memory Mode              : Dedicated
Total I/O Memory Entitlement : -
Variable Memory Capacity Weight : -
Memory Pool ID           : -
Physical Memory in the Pool : -
Hypervisor Page Size     : -
Unallocated Variable Memory Capacity Weight : -
Unallocated I/O Memory entitlement : -
Memory Group ID of LPAR  : -
Desired Virtual CPUs     : 16
Desired Memory           : 235520 MB
Desired Variable Capacity Weight : -
Desired Capacity         : 16.00
Target Memory Expansion Factor : -
Target Memory Expansion Size : -
Power Saving Mode        : Dynamic Power Savings
```

Drawer DBJ2946 contains DB 16-core Dedicated LPAR (Partition # 2)

```
# lparstat -i
Node Name                : specj780-plus
Partition Name           : db2
Partition Number         : 2
Type                     : Dedicated-SMT-4
Mode                     : Capped
Entitled Capacity        : 16.00
Partition Group-ID       : 32770
Shared Pool ID           : -
Online Virtual CPUs      : 16
Maximum Virtual CPUs     : 16
Minimum Virtual CPUs     : 16
Online Memory             : 491520 MB
Maximum Memory           : 512000 MB
Minimum Memory           : 491520 MB
Variable Capacity Weight : -
Minimum Capacity         : 16.00
Maximum Capacity         : 16.00
Capacity Increment       : 1.00
Maximum Physical CPUs in system : 64
Active Physical CPUs in system : 32
Active CPUs in Pool      : -
Shared Physical CPUs in system : 0
Maximum Capacity of Pool : 0
Entitled Capacity of Pool : 0
Unallocated Capacity     : -
Physical CPU Percentage   : 100.00%
Unallocated Weight       : -
Memory Mode              : Dedicated
Total I/O Memory Entitlement : -
Variable Memory Capacity Weight : -
Memory Pool ID           : -
Physical Memory in the Pool : -
Hypervisor Page Size     : -
Unallocated Variable Memory Capacity Weight : -
Unallocated I/O Memory entitlement : -
Memory Group ID of LPAR  : -
Desired Virtual CPUs     : 16
Desired Memory           : 491520 MB
Desired Variable Capacity Weight : -
Desired Capacity         : 16.00
Target Memory Expansion Factor : -
Target Memory Expansion Size : -
Power Saving Mode        : Dynamic Power Savings
```