

Intel® Node Manager Enabled Server Platforms Availability Matrix

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Intel Node Manager is a critical component of data center power management and data center efficiency strategies. It provides individual server level power reporting and capping functionality, helping IT administrators to better understand power usage in their infrastructure, to characterize power usage profiles by server type and configuration and to statically or dynamically cap server power to improve data center operating costs and compute resource availability. In addition to reporting power consumption, the new Node Manager can be used to monitor temperature and resource utilization.

For more information on how Intel Node Manager works, and the related use cases, please see: www.intel.com/go/nodemanager and <http://communities.intel.com/docs/DOC-6179>.

For more information on how Intel Node Manager is used as part of cloud security solutions, please visit the Intel® Cloud Builder reference architectures site: <http://www.intel.com/itcenter/topics/cloud/cloudbuilders/referencearchitecture.htm>

Not all servers support Intel Node Manager. Intel Node Manager requires multiple hardware and software components, including:

- Processor, Chipset, Node Manager Firmware, SPI Flash
- Enabled BIOS, Enabled BMC, ACPI Compliant Operating system*
- For a complete list of requirements, consult the appropriate Platform Design Guidelines documentation that is available to an OEM or ODM that supports Node Manager Technology on one or more of their platforms.

The matrix below is intended to provide an easy reference for the IT administrator to determine which platforms and operating environments support Intel Node Manager. This list is not an exhaustive list. This list will be updated as vendors complete testing and release products that support Intel Node Manager.

*Not all Operating Systems that are ACPI compliant are supported. Contact the OEM or ODM vendor of your choice for details on Operating Systems that are supported by their platforms.

Intel Node Manager Ready Marketing Matrix		
The following server platform components have announced support and platform availability for Intel Node Manager Technology		
Updated 08-06-2015		
Vendor	System/Component	Notes
Cisco	Cisco UCS C220 M4	Intel Xeon® Processor E5 v3 Series System
Cisco	Cisco UCS C240 M4	Intel Xeon Processor E5 v3 Series System
Dell	Dell PowerEdge-C 1100	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge-C 2100	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge-C 6100	Intel Xeon Processor E5 v2 Series System

Dell	Dell DCS CS12-TY	Intel Xeon Processor E5 v2 Series System
Dell	Dell DCS CS24-TY	Intel Xeon Processor E5 v2 Series System
Dell	Dell DCS XS23-TY3	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R410	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R415	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R510	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge T410	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge T610	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge T620	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge M620	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R620	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R720	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R515	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R610	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R620	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R710	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R715	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R720	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R810	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R815	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R910	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge T710	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge M610	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge M610x	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge M620	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge M710	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge M710HD	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge M910	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge C1100	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge C2100	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge C6100	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge C6220	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R720xd	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R820	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge T320	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge T420	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge T620	Intel Xeon Processor E5 v2 Series System
Dell	Dell PowerEdge R630	Intel Xeon Processor E5 v3 Series System
Dell	Dell PowerEdge T630	Intel Xeon Processor E5 v3 Series System
Dell	Dell PowerEdge R730	Intel Xeon Processor E5 v3 Series System
Fujitsu	PRIMERGY TX140 S2	Intel Xeon Processor E3 v3 Series System
Fujitsu	PRIMERGY RX100 S8	Intel Xeon Processor E3 v3 Series System
Fujitsu	PRIMERGY TX300 S8	Intel Xeon Processor E5 v2 Series System

Fujitsu	PRIMERGY RX200 S8	Intel Xeon Processor E5 v2 Series System
Fujitsu	PRIMERGY RX300 S8	Intel Xeon Processor E5 v2 Series System
Fujitsu	PRIMERGY RX350 S8	Intel Xeon Processor E5 v2 Series System
Fujitsu	PRIMERGY BX924 S4	Intel Xeon Processor E5 v2 Series System
Fujitsu	PRIMERGY CX250 S2	Intel Xeon Processor E5 v2 Series System
Fujitsu	PRIMERGY CX270 S2	Intel Xeon Processor E5 v2 Series System
Fujitsu	PRIMERGY TX2540 M1	Intel Xeon Processor E5 v2 Series System
Fujitsu	PRIMERGY RX2520 M1	Intel Xeon Processor E5 v2 Series System
Fujitsu	PRIMERGY RX2520 M1	Intel Xeon Processor E5 v2 Series System
Fujitsu	PRIMERGY BX920 S4	Intel Xeon Processor E5 v2 Series System
Fujitsu	PRIMERGY RX4770 M1	Intel Xeon Processor E7 v2 Series System
Fujitsu	PRIMEQUEST 2400E	Intel Xeon Processor E7 v2 Series System
Fujitsu	PRIMEQUEST 2800E	Intel Xeon Processor E7 v2 Series System
Fujitsu	PRIMEQUEST 2800B	Intel Xeon Processor E7 v2 Series System
Fujitsu	PRIMERGY TX1310 M1	Intel Xeon Processor E3 v3 Series System
Fujitsu	PRIMERGY TX1320 M1	Intel Xeon Processor E3 v3 Series System
Fujitsu	PRIMERGY TX1330 M1	Intel Xeon Processor E3 v3 Series System
Fujitsu	PRIMERGY RX1330 M1	Intel Xeon Processor E3 v3 Series System
Fujitsu	PRIMERGY TX2560 M1	Intel Xeon Processor E5 v3 Series System
Fujitsu	PRIMERGY RX2530 M1	Intel Xeon Processor E5 v3 Series System
Fujitsu	PRIMERGY RX2540 M1	Intel Xeon Processor E5 v3 Series System
Fujitsu	PRIMERGY RX2560 M1	Intel Xeon Processor E5 v3 Series System
Fujitsu	PRIMERGY BX2560 M1	Intel Xeon Processor E5 v3 Series System
Fujitsu	PRIMERGY BX2580 M1	Intel Xeon Processor E5 v3 Series System
Fujitsu	PRIMERGY CX2550 M1	Intel Xeon Processor E5 v3 Series System
Fujitsu	PRIMERGY CX2570 M1	Intel Xeon Processor E5 v3 Series System
GIGABYTE	GIGABYTE MD30-RS0	Intel Xeon Processor E5 v3 Series System
GIGABYTE	GIGABYTE MD50-LS0	Intel Xeon Processor E5 v3 Series System
GIGABYTE	GIGABYTE MD60-SC0	Intel Xeon Processor E5 v3 Series System
GIGABYTE	GIGABYTE MD70-HB0	Intel Xeon Processor E5 v3 Series System
GIGABYTE	GIGABYTE MD80-TM0	Intel Xeon Processor E5 v3 Series System
GIGABYTE	GIGABYTE MD90-FS0	Intel Xeon Processor E5 v3 Series System
GIGABYTE	GIGABYTE MG50-G20	Intel Xeon Processor E5 v3 Series System
GIGABYTE	GIGABYTE MH70-HD0	Intel Xeon Processor E5 v3 Series System
GIGABYTE	GIGABYTE MU70-SU0	Intel Xeon Processor E5 v3 Series System
GIGABYTE	GIGABYTE 6LXSV	Intel Xeon Processor E3 Series System
GIGABYTE	GIGABYTE 6LXGH	Intel Xeon Processor E3 Series System
GIGABYTE	GIGABYTE S4L	Intel Xeon Processor E7 Series System
Huawei	Huawei RH2288 V3	Intel Xeon Processor E5 v3 Series System
Huawei	Huawei RH2285 V3	Intel Xeon Processor E5 v3 Series System
Huawei	Huawei RH1288 V3	Intel Xeon Processor E5 v3 Series System
Huawei	Huawei RSA EP	Intel Xeon Processor E5 v3 Series System
Huawei	Huawei RH2485 V3	Intel Xeon Processor E5 v3 Series System

IBM	IBM X3650 M5	Intel Xeon Processor E5 v3 Series System
IBM	IBM X3550 M5	Intel Xeon Processor E5 v3 Series System
IBM	IBM X3500 M5	Intel Xeon Processor E5 v3 Series System
IBM	IBM NX360 M5	Intel Xeon Processor E5 v3 Series System
Inspur	Inspur NF5280M4	Intel Xeon Processor E5 v3 Series System
Inspur	Inspur NF5270M4	Intel Xeon Processor E5 v3 Series System
Lenovo	Lenovo ThinkServer RD640	Intel Xeon Processor E5 v2 Series System
Lenovo	Lenovo ThinkServer RD540	Intel Xeon Processor E5 v2 Series System
Lenovo	Lenovo ThinkServer RD440	Intel Xeon Processor E5 v2 Series System
Lenovo	Lenovo ThinkServer RD340	Intel Xeon Processor E5 v2 Series System
Lenovo	Lenovo ThinkServer RD650	Intel Xeon Processor E5 v3 Series System
Lenovo	Lenovo ThinkServer RD550	Intel Xeon Processor E5 v3 Series System
Lenovo	Lenovo ThinkServer RD450	Intel Xeon Processor E5 v3 Series System
Lenovo	Lenovo ThinkServer TD350	Intel Xeon Processor E5 v3 Series System
Quanta	QuantaPlex T41S-2U	Intel Xeon Processor E5 v3 Series System
Quanta	QuantaGrid D51B-1U	Intel Xeon Processor E5 v3 Series System
Quanta	QuantaGrid D51B-2U	Intel Xeon Processor E5 v3 Series System
Sugon	Sugon i620r/610r	Intel Xeon Processor E5 v3 Series System
Sugon	Sugon i640r	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-6028R	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-7048R	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SSY-1028R	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-6028TR	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-1028U	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-6018U	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-6028U	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-2028U	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-6028UX	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-2028TP	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-6028TP	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-6018TR	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-1028TR	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-1028R	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-6018R	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SSY-5038ML	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SSY-5038MA	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SSY-5038MR	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-4048B	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-8048B	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-8028B	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-2048U	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-5018R-MR	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-1018R-WCOR	Intel Xeon Processor E5 v3 Series System

Supermicro	SuperServer SYS-5028R-E1CR12L	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-5048R-E1CR36L	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-1028GR	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-F628R3	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-628R2	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-618R2	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-F628R2	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-F618R3	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-F618R2	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-F628G3	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-F628G2	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-F648G2	Intel Xeon Processor E5 v3 Series System
Supermicro	SuperServer SYS-F618H6	Intel Xeon Processor E5 v3 Series System
ZTE	ZTE EP2S Blade(XH20G2)	Intel Xeon Processor E5 v3 Series System
* Third party names and brands may be claimed as property of others.		
* Information about the third party systems is not warranted by Intel		
* This list is not an exhaustive list of systems that support Intel Node Manager. Please check the vendor page for more information		