



IBM i supports additional POWER hardware

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At a glance

For ordering, contact:
Your IBM® representative or an IBM Business Partner. For more information, contact the Americas Call Centers at 800-IBM-CALL (426-2255).

Reference: YE001

Overview

IBM i adds support for these Power Systems:

- 4-core Power 520 and 8-core Power 550 with IBM i 5.4 or 6.1, enabling more processing capacity for IBM i applications for small and mid-sized clients
- 16-core Power 560 with IBM i 6.1, offering mid-sized clients additional options for i application deployments
- Enhanced 16-core Power 570 with 4.4 and 5.0 GHz processors and the new 32-core Power 570 with 4.2 GHz processors running IBM i 5.4 or 6.1, giving enterprise clients additional options for IBM i application deployments

Planned availability date

November 21, 2008

Description

IBM i support for Power 520 and Power 550 servers

IBM i 5.4 and 6.1 are now supported on the 4-core Power 520 and 8-core Power 550, enabling more processing capacity for IBM i applications for small and mid-sized clients.

You can now select i Editions for the 1-, 2-, and 4-core Power 520 (8203-E4A). The IBM i software tiers for the Power 520 are:

- 1 core = P05
- 2-core = P10
- 4-core = P10

IBM i is offered with Per processor and user entitlements. A processor entitlement is required for the number of processor cores that will run i: 1, 2, 3, or 4 processor entitlements. User entitlements are required for the number of concurrent users on the system. Unlimited, external access, and unlimited collaboration options support various uses of the system.

In addition, i Editions are available for the Power 550 (8204-E8A). The Power 550 has a P20 software tier. For the Power 550, i is offered with per processor core entitlements. A processor entitlement is required for the number of processor cores that run IBM i. On the Power 550 this can be 1 to 8 processor entitlements. The IBM i Application Server option is also available for partitions that run applications that do not use the DB2® database.

Clients who have deployed Linux® and IBM AIX® on the Power 520 (8203-E4A) and 550 (8204-E8A) can now deploy IBM i on the same system in separate logical partitions.

IBM i support for the new Power 560

IBM i 6.1 supports the new 16-core Power 560 (8234-EMA) with 3.6 GHz processors, offering mid-sized clients additional options for i application deployments. The Power 560 has a P20 software tier. For the Power 560, i is offered with per processor core entitlements. A processor entitlement is required for the number of processor cores that will run i. On the 560 this can be 1 to 16 processor entitlements. The IBM i Application Server option is also available for partitions that run applications that do not use the DB2 database.

IBM i support for the enhanced Power 570

IBM i 5.4 and 6.1 support the enhanced 16-core Power 570 (9117-MMA) with 4.4 and 5.0 GHz processors and the new 32-core Power 570 (9117-MMA) with 4.2 GHz processors. With this support, enterprise clients have access to additional options for IBM i application deployments. The Power 570 has a P30 software tier. For the Power 570, IBM i is offered with per processor core entitlements. A processor entitlement is required for the number of processor cores that run IBM i. On the 570 this can be 1 to 32 processor entitlements. The IBM i Application Server option is also available for partitions that run applications that do not use the DB2 database.

System Director support for IBM i

IBM Systems Director 6.1 is an easy to use, point-and-click, simplified management solution. This platform management solution streamlines the way physical and virtual systems are managed across a multisystem environment. Leveraging industry standards, Systems Director supports multiple operating systems and virtualization technologies across IBM and non-IBM platforms, including IBM i. Through a single Web-based user interface, Systems Director offers consistent views for visualizing managed systems, determining how these systems relate to one another while identifying their individual status. It helps correlate technical resources with business needs. Specific IBM i portlets are included with Systems Director 6.1 to deliver a simple but powerful management tool for i operating environments.

IBM Systems Director 6.1 builds on the support provided with Systems Director Navigator for i that was announced and is included with i 6.1. Systems Director Navigator for i enables more than 300 tasks for managing the i environment through a Web interface. It is based on the same technology, has the same look and feel, and plugs into the System Director 6.1 offering. For clients looking to manage a single i environment, Navigator is the primary management tool. For clients who want to manage multiple i environments as well as heterogeneous environments, Systems Director 6.1 offers rich functionality for multiple systems from a single console. With Systems Director 6.1 the same set of more than 300 tasks are available for managing i environments. In addition, IBM Systems Director can collect inventory of virtual storage and associated storage pools that are hosted by IBM i and used by client logical partitions and iSCSI attached IBM BladeCenter® blade and IBM System x™ servers.

IBM Systems Director 6.1 runs on IBM AIX and Linux distributions for Power, x86, and IBM System z® platforms, and Windows® operating systems. It manages a wide variety of hardware platforms and operating systems including i 5.4 and i 6.1 through agents. For more information on specific System Director 6.1 and agent support visit

<http://www.ibm.com/systems/management/>

For Systems Director 6.1 to manage i environments, the following products are required to be installed on each managed i 5.4 and i 6.1 environment:

- IBM Director 5.20.2 agent, available with 5733-DR1 IBM Director for i5/OS® and via download from

<http://www.ibm.com/systems/management/director/>

- Universal Manageability Environment

IBM Systems Director 6.1 includes many new powerful features for managing i installations. One key component, Update Manager, supports acquisition and deployment of IBM i cumulative packages and PTF groups. In addition, Update Manager supports firmware and Hardware Management Console (HMC) updates for Power servers.

For more information visit

<http://www.ibm.com/systems/i/advantages/management/index.html>

Expanded Support for DS8000™ and PowerVM™

IBM i supports IBM Systems Storage DS8100 and DS8300 with PowerVM Virtual I/O Server (VIOS) configurations. VIOS is an appliance partition that provides I/O virtualization to i 6.1 partitions on POWER6™ processor-based systems. With this support, VIOS can virtualize DS8000 storage to i 6.1 partitions running on POWER6 processor-based servers and blades. VIOS can consolidate I/O resources for multiple i, AIX, and Linux partitions, helping to reduce costs, improve flexibility, and simplify systems management. IBM i now supports the DS8100 and DS8300 directly and via VIOS.

For more information, visit

<http://www14.software.ibm.com/webapp/set2/sas/f/vios/documentation/datasheet.html>

For compatibility information, consult the DS8000 Interoperability Matrix

http://www-03.ibm.com/systems/resources/systems_storage_disk_ds8000_interop.pdf

IBM i Support for DS3400 with PowerVM

IBM i supports IBM Systems Storage DS3400 with PowerVM Virtual I/O Server (VIOS) configurations. VIOS is an appliance partition that provides I/O virtualization to i 6.1 partitions on POWER6 processor-based systems. With this support, VIOS can virtualize DS3400 storage to i 6.1 partitions running on POWER6 processor-based servers and blades. VIOS can consolidate I/O resources for multiple i, AIX, and Linux partitions, helping to reduce costs, improve flexibility, and simplify systems management.

The DS3400 provides fiber channel storage with up to 3.6 TB of storage capacity with twelve 300 GB SAS disks in the first enclosure, expandable to a total of 14.4 TB storage capacity with 300 GB SAS disk drives by attaching three additional EXP3000 enclosures. Using SATA drives, the DS3400 supports up to 48 TB of disk.

For more information, visit

<http://www-03.ibm.com/systems/storage/disk/ds3000/ds3400/index.html>

For compatibility information, consult the DS3000 Interoperability Matrix

<http://www-03.ibm.com/systems/storage/disk/ds3000/pdf/interop.pdf>

Accessibility by people with disabilities

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

http://www.ibm.com/able/product_accessibility/index.html

Product number

5761-SS1 IBM i Operating System

Terms and conditions

This announcement does not change any terms and conditions of these products.

Ordering information

IBM i Value Pack (5722-IVP)

Charge features

Initial order

IBM i Value Pack (5722-IVP)	Per server feature
Per Server P20	1754

IBM i (5722-SS1)

Charge features

Initial order

IBM i (5722-SS1)	Per processor feature
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Per processor Reg - E4A	1755
Per processor- E4A	1756
Per processor Reg - E8A	1761
Per processor- E8A	1762

Upgrade order

From: - To: -	Per processor feature
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Per Proc Upg M25-E4A	1758
Per Proc Upg 525-E4A	1759
Per Proc Upg 520-E4A	1760
Per Proc Upg 550-E8A	1763
Per Proc Upg M50-E8A	1764
Per Proc Upg Appl Srv 550-E8A	1765
Per Proc Upg Appl Srv M50-E8A	1766

IBM i (5761-SS1)

Charge features

Initial order

IBM i (5761-SS1)	Per processor feature
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Per Proc Reg - E4A	1816
Per processor- E4A	1817
Per Proc Reg - E8A	1821
Per processor- E8A	1822
Per Proc Reg - EMA	1827
Per processor - EMA	1828
Per Proc Chrg/SW Pkg - EMA	1829

Upgrade order

From: To:	Per processor feature
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Per Proc Upg from 520-E4A	1818
Per Proc Upg from 525-E4A	1819

Per Proc Upg from M25-E4A	1820
Per Proc Upg from 550-E8A	1823
Per Proc Upg from M50-E8A	1824
Per Proc Upg Appl Srv 550-E8A	1825
Per Proc Upg Appl Srv M50-E8A	1826

IBM i Processor License (5722-SSA)

Charge features

Initial order

IBM i Processor License (5722-SSA)	Per processor feature
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Per Proc w/90 day E4A 1-Core	1767
Per Proc w/1yr E4A 2-Core	1768
Per Proc w/1yr E4A 4-Core	1769
Pre Proc w/1yr E8A	1770

IBM i Processor License (5761-SSA)

Charge features

Initial order

IBM i Processor License (5761-SSA)	Per processor feature
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Per Proc w/90 day - E4A 1-Core	1830
Per Proc w/1Yr - E4A 2-Core	1831
Per Proc w/1Yr - E4A 4-Core	1832
Per Proc w/1yr SWMA - E8A	1833
Per Proc w/1yr SWMA - EMA	1834

Billing for IBM i Application Server (5722-SSB)

Charge features

Initial order

Billing for IBM i Application Server (5722-SSB)	Per processor feature
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Appl Srv Lic w/1Yr SWMA - E8A	1771
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IBM i Application Server (5761-SSB)

Charge features

Initial order

IBM i Application Server - (5761-SSB)	Per processor feature
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Per Proc w/1Yr SWMA - E8A	1835
Per Proc w/1Yr SWMA - EMA	1836

IBM i User Based Pricing (5722-SSC)

Charge features

Initial order

IBM i User Based Pricing Per usage
(5722-SSC) feature

Per 5 Users 0-Price E4A 1-Core	1772
Per 5 Users E4A 1-Core	1773
Unlim Users E4A 1-Core	1774
Ext Acc Users E4A 1-Core	1775
Unlim Collab Users E4A 1-Core	1776
Per 10 Use 0Price E4A 2/4-Core	1777
Per 10 Users E4A 2/4-Core	1778
Unlim Users E4A 2-Core	1780
Unlim Users E4A 4-Core	1781
Ext Acc Users E4A 2/4-Core	1784
Unlim Collab Use E4A 2/4-Core	1785

Upgrade order

From: - To: - Per usage
 feature

Per 10 Users CBU E4A 2/4-Core	1779
Unlim Users CBU/Upg-E4A 2-Core	1782
Unlim Users CBU/Upg-E4A 4-Core	1783

IBM i User Based Pricing (5761-SSC)

Charge features

Initial order

IBM i User Based Pricing Per usage
(5761-SSC) feature

Per 5 Users 0-price E4A 1-Core	1837
Per 5 Users - E4A 1-Core	1838
Unlim Users - E4A 1-Core	1839
Ext Acc Users - E4A 1-Core	1840
Unlim Collab User E4A 1-Core	1841
Per 10 Use 0-price E4A 2/4-Core	1842
Per 10 Users - E4A 2/4-Core	1843
Unlim Users - E4A 2-Core	1845
Unlim Users - E4A 4-Core	1846
Ext Acc Users - E4A 2/4-Core	1849
Unlim Collab Use E4A 2/4-Core	1850

Upgrade order

From: - To: - Per usage
 feature

Per 10 Users CBU E4A 2/4-Core	1844
Unlim Use Upg 520-E4A 2-Core	1847
Unlim Use Upg 520-E4A 4-Core	1848

Vision Cluster1 (5639-VSL)*

Charge features

Initial order

Vision Cluster1 (5639-VSL) Per server
 feature

Use Pack-4 EMA/P20 w/VMA	0081
Use Pack-8 EMA/P20 w/VMA	0082
Use Pack-16 EMA/P20 w/VMA	0083
Use Pack-2 E8A/P20 w/VMA	0084
Use Pack-4 E8A/P20 w/VMA	0085

Use Pack-6 E8A/P20 w/VMA 0086
 Use Pack-8 E8A/P20 w/VMA 0087
 Use Pack-1 E4A/P05 w/VMA 0088
 Use Pack-2 E4A/P10 w/VMA 0089
 Use Pack-4 E4A/P10 w/VMA 0090
 Use Pk-24 MMA-P6/P30 w/VMA 0091
 Use Pk-32 MMA-P6/P30 w/VMA 0092

* Note: The feature codes for 5639-VSL will not be supported in the configurators until October 28, 2008.

Prices

Program number	Feature number	Description	Program description	Price
5722IVP	1754	Per Server P20 8234-EMA	IBM i Value Pack	\$49,000
5722SS1	1755	Per Processor Reg - E4A	IBM i	\$0
5722SS1	1756	Per Processor - E4A	IBM i	\$11,995
5722SS1	1761	Per Processor Reg - E8A	IBM i	\$0
5722SS1	1762	Per Processor - E8A	IBM i	\$40,000
5722SS1	1758	Per Proc Upg M25-E4A	IBM i	\$0
5722SS1	1759	Per Proc Upg 525-E4A	IBM i	\$0
5722SS1	1760	Per Proc Upg 520-E4A	IBM i	\$0
5722SS1	1763	Per Proc Upg 550-E8A	IBM i	\$0
5722SS1	1764	Per Proc Upg M50-E8A	IBM i	\$0
5722SS1	1765	Per Proc Upg Appl Srv 550-E8A	IBM i	\$0
5722SS1	1766	Per Proc Upg Appl Srv M50-E8A	IBM i	\$0
5761SS1	1816	Per Proc Reg - E4A	IBM i	\$0
5761SS1	1817	Per Processor - E4A	IBM i	\$11,995
5761SS1	1821	Per Proc Reg - E8A	IBM i	\$0
5761SS1	1822	Per Processor - E8A	IBM i	\$40,000
5761SS1	1827	Per Proc Reg - EMA	IBM i	\$0
5761SS1	1828	Per Processor - EMA	IBM i	\$40,000
5761SS1	1829	Per Proc Chrg/ SW Pkg - EMA	IBM i	\$0
5761SS1	1818	Per Proc Upg from 520-E4A	IBM i	\$0
5761SS1	1819	Per Proc Upg from 525-E4A	IBM i	\$0
5761SS1	1820	Per Proc Upg from M25-E4A	IBM i	\$0
5761SS1	1823	Per Proc Upg from 550-E8A	IBM i	\$0
5761SS1	1824	Per Proc Upg from M50-E8A	IBM i	\$0

5761SS1	1825	Per Proc Upg Appl Srv 550- E8A	IBM i	\$0
5761SS1	1826	Per Proc Upg Appl Srv M50- E8A	IBM i	\$0
5722SSA	1767	Per Proc w/90 day E4A 1-Core	IBM i Processor License	\$2,245
5722SSA	1768	Per Proc w/1yr E4A 2-Core	IBM i Processor License	\$14,995
5722SSA	1769	Per Proc w/1yr E4A 4-Core	IBM i Processor License	\$14,995
5722SSA	1770	Pre Proc w/1yr E8A	IBM i Processor License	\$44,000
5761SSA	1830	Per Proc w/90 day - E4A 1-Core	IBM i Processor License	\$2,245
5761SSA	1831	Per Proc w/1Yr - E4A 2-Core	IBM i Processor License	\$14,995
5761SSA	1832	Per Proc w/1Yr - E4A 4-Core	IBM i Processor License	\$14,995
5761SSA	1833	Per Proc w/1yr SWMA - E8A	IBM i Processor License	\$44,000
5761SSA	1834	Per Proc w/1yr SWMA - EMA	IBM i Processor License	\$44,000
5722SSB	1771	Appl Srv Lic w/1Yr SWMA - E8A	Billing for IBM i App Server	\$14,000
5761SSB	1835	Per Proc w/1Yr SWMA - E8A	Billing for IBM i App Server	\$14,000
5761SSB	1836	Per Proc w/1Yr SWMA - EMA	Billing for IBM i App Server	\$14,000
5722SSC	1772	Per 5 Users 0- Price E4A 1-Core	IBM i User Based Pricing	\$0
5722SSC	1773	Per 5 Users E4A 1-Core	IBM i User Based Pricing	\$1,250
5722SSC	1774	Unlim Users E4A 1-Core	IBM i User Based Pricing	\$18,750
5722SSC	1775	Ext Acc Users E4A 1-Core	IBM i User Based Pricing	\$3,995
5722SSC	1776	Unlim Collab Users E4A 1- Core	IBM i User Based Pricing	\$3,995
5722SSC	1777	Per 10 Use 0Price E4A 2/4- Core	IBM i User Based Pricing	\$0
5722SSC	1778	Per 10 Users E4A 2/4-Core	IBM i User Based Pricing	\$2,500
5722SSC	1780	Unlim Users E4A 2-Core	IBM i User Based Pricing	\$50,000
5722SSC	1781	Unlim Users E4A 4-Core	IBM i User Based Pricing	\$75,000
5722SSC	1784	Ext Acc Users E4A 2/4-Core	IBM i User Based Pricing	\$3,995
5722SSC	1785	Unlim Collab Use E4A 2/4-Core	IBM i User Based Pricing	\$5,995
5722SSC	1779	Per 10 Users CBU E4A 2/4- Core	IBM i User Based Pricing	\$1,000
5722SSC	1782	Unlim Users CBU/Upg-E4A 2- Cor	IBM i User Based Pricing	\$20,000
5722SSC	1783	Unlim Users CBU/Upg-E4A 4- Cor	IBM i User Based Pricing	\$30,000
5761SSC	1837	Per 5 Users 0- price E4A 1-Core	IBM i User Based Pricing	\$0

5761SSC	1838	Per 5 Users - E4A 1-Core	IBM i User Based Pricing	\$1,250
5761SSC	1839	Unlim Users - E4A 1-Core	IBM i User Based Pricing	\$18,750
5761SSC	1840	Ext Acc Users - E4A 1-Core	IBM i User Based Pricing	\$3,995
5761SSC	1841	Unlim Collab User E4A 1-Core	IBM i User Based Pricing	\$3,995
5761SSC	1842	Per 10 Use 0-price E4A 2/4Core	IBM i User Based Pricing	\$0
5761SSC	1843	Per 10 Users - E4A 2/4-Core	IBM i User Based Pricing	\$2,500
5761SSC	1845	Unlim Users - E4A 2-Core	IBM i User Based Pricing	\$50,000
5761SSC	1846	Unlim Users - E4A 4-Core	IBM i User Based Pricing	\$75,000
5761SSC	1849	Ext Acc Users - E4A 2/4-Core	IBM i User Based Pricing	\$3,995
5761SSC	1850	Unlim Collab Use E4A 2/4-Core	IBM i User Based Pricing	\$5,995
5761SSC	1844	Per 10 Users CBU E4A 2/4-Core	IBM i User Based Pricing	\$1,000
5761SSC	1847	Unlim Use Upg 520-E4A 2-Core	IBM i User Based Pricing	\$20,000
5761SSC	1848	Unlim Use Upg 520-E4A 4-Core	IBM i User Based Pricing	\$30,000
5639VSL	0081	Use Pack-4 EMA/ P20 w/VMA	VisionCluster1	\$16,250
5639VSL	0082	Use Pack-8 EMA/ P20 w/VMA	VisionCluster1	\$17,850
5639VSL	0083	Use Pack-16 EMA/P20 w/VMA	VisionCluster1	\$21,050
5639VSL	0084	Use Pack-2 E8A/ P20 w/VMA	VisionCluster1	\$14,300
5639VSL	0085	Use Pack-4 E8A/ P20 w/VMA	VisionCluster1	\$15,150
5639VSL	0086	Use Pack-6 E8A/ P20 w/VMA	VisionCluster1	\$16,000
5639VSL	0087	Use Pack-8 E8A/ P20 w/VMA	VisionCluster1	\$16,850
5639VSL	0088	Use Pack-1 E4A/ P05 w/VMA	VisionCluster1	\$4,950
5639VSL	0089	Use Pack-2 E4A/ P10 w/VMA	VisionCluster1	\$8,850
5639VSL	0090	Use Pack-4 E4A/ P10 w/VMA	VisionCluster1	\$10,100
5639VSL	0091	Use Pk-24 MMA- P6/P30 w/VMA	VisionCluster1	\$24,100
5639VSL	0092	Use Pk-32 MMA- P6/P30 w/VMA	VisionCluster1	\$25,400

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Reference: YE001

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