

System i5 Edition Information

More information can be found at:
www.ibm.com/systems/i/hardware/editions/soledition/

All editions provide support for multiple operating systems, Web modernization and Virtualization Engine Systems Technologies.

Enterprise Edition features

- 5250 OLTP support
- Datacenter and e-business tools
- Vouchers to help speed implementation

520 Express Configurations include

- 1 GB memory
- 15k rpm 35 GB disks and imbedded controller
- DVD ROM and 30GB QIC tape drive
- Ethernet LAN and a communication adapter
- Console via: twinax controller, thin console*, or LAN console (*not available in all countries)
- i5/OS (DB2 UDB, WebSphere Express and IBM Director for iSeries)

Some Express Configurations also include:

- Additional 1GB or 3GB memory
- Write cache and RAID-5 for imbedded controller
- DB2 Query Manager and Query
- iSeries Access
- WebSphere Development Studio

High Availability (HA) and Capacity BackUp (CBU) Editions

High Availability and Capacity BackUp Editions help address business continuity needs. Both editions can contribute to a disaster recovery plan that can help minimize downtime. There are prerequisites to qualify for these editions.

HA Edition feature codes:

- 520 # 7373, 7374, 7375
- 550 # 7551
- 570 # 7763, 7764, 7765
- 595 # 7580, 7581, 7583, 7902, 7905, 7908

CBU Edition feature codes:

- 520 # 7710, 7711, 7712, 7720/7721
- 550 # 7920/7921
- 570 # 7914/7915, 7916/7917, 7918/7760
- 595 # 7910/7911, 7912/7909, 7590

Standard Edition features attractively priced servers that do not need the flexibility of the Enterprise Edition. Standard Editions can be upgraded to Enterprise Edition.

550 Domino Edition (FC# 7629)

520 Collaboration Edition (FC# 7691)

These editions provides outstanding price and performance for customers using IBM Workplace Portal Lotus Collaboration products. There are prerequisites to qualify for these editions.

Solution Editions

The Solution Edition can be used with qualifying ISV solutions to provide a total solution at an attractive price. These editions have specialized edition content include the following plus many others :

- 520 FC# 7366 (1200CPW) plus additional features
- 550 FC# 7360 plus additional features

Upgrade Paths

From \ To	520	550	570	595
800				
810	X	X	X	
825		X	X	X
870			X	X
890			X	X
520	X			
550		X		
570			X	X
595				X

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Model	N-Way {1}	Server Feature	Edition Feature	Processor Feature	Processor CPW {2}	5250 CPW	SW Tier	Base i5/OS Licenses	Base EE Features {3}	Accelerator for System i5	Processor Activation Feature	Max HSL loop / I/O Drawer	Max IXS / IXA / iSCSI
520	1	0975 0970	7350 (Value) 7140-7142 (Express)	8325 1.9GHz L2 cache	600/3100 600/3100	30 30	P05	1	NA	7355 7680-7682	NA	1 / 6	18 / 8 / 21
520	1	0975 0970 0970	7352 (Value) 7143 & 7148 (Express) 7144 & 7152 (Express)	8327 1.9GHz L2 & L3 cache	1200/3800 1200/3800 3800	60 60 60	P10	1	NA	7357 7354 NA	NA	1 / 6	18 / 8 / 21
520	1	0906	7734 (Enterprise)	8327 1.9GHz L2 & L3 cache	1200	1200	P10	1	NA	NA	NA	1 / 6	18 / 8 / 21
	1	0906	7735 (Enterprise)	8327 1.9GHz L2 & L3 cache	2800	2800	P10	1	NA	NA	NA	1 / 6	18 / 8 / 21
520	1	0906	7784 (Standard)	8327 1.9GHz L2 & L3 cache	3800	0	P10	1	NA	NA	NA	1 / 6	18 / 8 / 21
520	1/2	0906	7785 (Standard) 7736 (Enterprise)	8330 1.9GHz L2 & L3 cache	3800-7100	0 (Std Ed) Up to max	P20	1	1	NA	Base 8410 Opt 7320	1 / 6	18 / 8 / 21
550	1/4	0910	7154 (Standard) 7155 (Enterprise)	8312 1.9GHz L2 & L3 cache	3800-14000	0 (Std Ed) Up to max	P20	1	1	NA	Base 8413 Opt 7323	2 / 12	36 / 16 / 42
570	2/4	0934	7757(Standard) 7747 (Enterprise)	8338 2.2GHz L2 & L3 cache	8400-16000	0 (Std Ed) Up to max	P30	1	1	NA	Base 7738 Opt 7618	2 / 12	36 / 16 / 42
570	4/8	0935	7758 (Standard) 7748 (Enterprise)	8338 2.2GHz L2 & L3 cache	16700-31100	0 (Std Ed) Up to max	P40	1	1	NA	Base 7738 Opt 7618	4 / 24	48 / 32 / 84
570	8/16	0936	7759(Standard) 7749(Enterprise)	8338 2.2GHz L2 & L3 cache	31100-58500	0 (Std Ed) Up to max	P40	1	1	NA	Base 7738 Opt 7618	8 / 48	48 / 57 / 126
595 {4}	8/16	0940	7480/7900 (Standard) 7481/7901 (Enterprise)	8966/8973 1.9GHz L2 & L3 cache	26700-50500	0 (Std Ed) Up to max	P50	4	4	NA	Base 8457 Opt 7815	7 / 36	60 / 48 / 168
595 {4}	16/32	0942	7482/7903 (Standard) 7483/7904 (Enterprise)	8966/8973 1.9GHz L2 & L3 cache	51000-92000	0 (Std Ed) Up to max	P50	4	4	NA	Base 8457 Opt 7815	15 / 72	60 / 57 / 168
595 {4}	32/64	0943	7486/7906 (Standard) 7487/7907 (Enterprise)	8966/8973 1.9GHz L2 & L3 cache	92000-184000	0 (Std Ed) Up to max	P60	4	4	NA	Base 8457 Opt 7815	31 / 96	60 / 57 / 168

{1} a/b layout.. a=base processor activations b=number processors shipped

{2} c/d layout c=CPW without Accelerator for System i5. d=CPW with Accelerator for System i5

{3} EE is an abbreviation of Enterprise Enablement which is available with Enterprise, HA and some Solution Editions. Standard Edition does not include 5250 OLTP capability.

{4} Second 1.9GHz processor feature announced July 2006 for 595. It is to track a simple engineering change as the new/old can not be mixed. There is no performance/functional difference between #8966 and #8973

Commercial Processing Workload (CPW) values are used in this guide. CPW is a relative measure of performance of System i5 processors. Performance in customer environments may vary. The value is based on maximum configurations. More performance information is available in the System i5 Handbook or Performance Capabilities Reference at: publib.boulder.ibm.com/pubs/html/as400/online/chgfrm.htm

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This information describes the 2006 System i5 product line. It does not describe the product line announced in 2004/2005