

AS/400e 4xx model packages

9402 model	Announce date	Withdrawn from marketing
#2109 4SS, 4SE, 4SG, 4SL, 4HS, 4HE, 4HG, 4HL models	20 February 1996	31 August 1998
#2110	20 February 1996	31 March 1999
#2111, #2112 4TG and 4TL models	1 September 1996	31 March 1999
#2130 40E, 40G, 42E, 42G, and 42L models	21 June 1995	31 August 1998
#2131 41E, 41G, 40L, 41L models, #2132 41E, and #2133 41E models	21 June 1995	31 March 1999

13.1 AS/400e Model 40E, 41E, 40G, 41G, 40L, and 41L summary

Package name	Entry 40E	Entry 41E	Growth 40G	Growth 41G	Large 40L	Large 41L
Relative system performance (CPW-V3R6) ¹	12.3	18.3-30.6	12.3	12.3	12.3	12.3
Relative system performance (CPW-V3R7) ¹	13.8	20.6-33.3	13.8	20.6-33.3	13.8	20.6-33.3
Main storage (MB)	64-160	64-224	96-180	96-224	160	160-224
Disk storage (GB) ²	3.93-23.6	3.93-23.6	7.86-23.6	7.86-23.6	11.80-23.6	11.80-23.6
Standard tape cartridge	¼-inch	¼-inch	¼-inch	¼-inch	8mm	8mm
Twinaxial devices	40-280	40-280	40-280	40-280	80-280	80-280
LAN adapters ³	0-2	0-2	0-2	0-2	0-2	0-2
Communication lines	1-20	1-20	2-20	2-20	2-20	2-20
Software Group	P05	P10	P05	P05	P05	P10
Software	OS/400 Client Access for AS/400 Query for AS/400 DB2 Query Manager and SQL Development for AS/400					

Note 1	Commercial Processing Workload (CPW) is used to measure the performance of all iSeries and AS/400e processors announced from September 1996 onward. The CPW value is measured on maximum configurations. The type and number of disk devices, the number of workstation controllers, the amount of memory, the system model, other factors, and the application being run determine what performance is achievable.
Note 2	As of February 1997 with V3R7, the maximum disk capacity is 50.3 GB.
Note 3	The Model 436 supports three LAN adapters if running Firewall for AS/400 (5769-FW1).

13.2 AS/400e Model 40E, 41E, 40G, 41G, 40L, and 41L features

Entry 40E			Entry 41E			Growth 40G		
9402	System Unit	1	9402	System Unit	1	9402	System Unit	1
0110	Packaged Configuration	1	0110	Packaged Configuration	1	0110	Packaged Configuration	1
0160	Software Package P05	1	0161	Software Package P10	1	0160	Software Package P05	1
2130	Processor (32 MB)	1	2131	Processor (32 MB)	1	2130	Processor (32 MB)	1
296x	Power Cord ¹	1	296x	Power Cord ¹	1	296x	Power Cord ¹	1
3182	32 MB main storage	1	3182	32MB main storage	1	3110	64 MB main storage	1
5000	Software Preload ¹	1	5000	Software Preload ¹	1	5000	Software Preload ¹	1
5517	Alt-IPL Specify QIC-2500	1	5517	Alt-IPL Specify QIC-2500	1	5517	Alt-IPL Specify QIC-2500	1
5520	Complete System Specify	1	5520	Complete System Specify	1	5520	Complete System Specify	1
6148	8-Port Twinaxial Expansion	1	6148	8-Port Twinaxial Expansion	1	5135	#5135 Feature Power Supply	1
6380	#6380 2.5 GB ¼-inch Cartridge Tape Unit	1	6380	#6380 2.5 GB ¼-inch Cartridge Tape Unit	1	6148	8-Port Twinaxial Expansion	1
6606	1.96 GB Disk Unit	1	6606	1.96 GB Disk Unit	1	6380	#6380 2.5 GB ¼-inch Cartridge Tape Unit	1
7000	Panel Keylock Feature	1	7000	Panel Keylock Feature	1	6606	1.96 GB Disk Unit	1
9023	EIA 232/V.24 Enhanced Cable	1	9023	EIA 232/V.24 Enhanced Cable	1	7000	Panel Keylock Feature	1
9172	Standard MFIOIP Twinaxial	1	9172	Standard MFIOIP Twinaxial	1	7108	Expansion Gate	1
9242	Base 175W Power Supply	1	9242	Base 175 W Power Supply	1	8609	EIA 232/V.24 Two-Line Adapter	1
9319	Standard DASD Package	1	9319	Standard DASD Package	1	9023	EIA 232/V.24 Enhanced Cable	2
9520	Base CD-ROM	1	9520	Base CD-ROM	1	9172	Standard MFIOIP Twinaxial	1
9606	Base 1.96 GB Disk Unit	1	9606	Base 1.96 GB Disk Unit	1	9319	Standard DASD Package	1
9612	EIA 232/V.24 One-Line Adapter	1	9612	EIA 232/V.24 One-Line Adapter	1	9520	Base CD-ROM	1
						9606	Base 1.96 GB Disk Unit	1
Allowable substitutions: In place of #3182: #3110 64 MB main storage In place of #9242: #5135 Feature Power Supply In place of #9612: #8609 EIA/V.24 Two-Line Adapter			Allowable substitutions: In place of #2131: #2132 Processor (32 MB) or #2133 Processor (32 MB) In place of #3182: #3110 64 MB main storage In place of #9242: #5135 Feature Power Supply In place of #9612: #8609 EIA/V.24 Two-Line Adapter			Allowable substitutions: None		
<p>Note 1: Country Specific Software: OS/400 (5716-SS1); Client Access for AS/400 (5716-XA1), Query for AS/400 (5716-QU1), DB2 Query Manager (5716-ST1), and SQL Development for AS/400.</p> <p>Additional no charge codes and configuration specify codes for hardware and software are added as required by the configurator. All packages can have optional hardware added up to the configuration limits.</p>								

Growth 41G			Large 40L			Large 41L		
9402	System Unit	1	9402	System Unit	1	9402	System Unit	1
0110	Packaged Configuration	1	0044	Data Loss Protection	1	0044	Data Loss Protection	1
0161	Software Package P10	1	0110	Packaged Configuration	1	0110	Packaged Configuration	1
2131	Processor (32 MB)	1	0161	Software Package P10	1	0161	Software Package P10	1
296x	Power Cord ¹	1	2131	Processor (32 MB)	1	2131	Processor (32 MB)	1
3110	64 MB main storage	1	296x	Power Cord ¹	1	296x	Power Cord ¹	1
5000	Software Preload ¹	1	3110	64 MB main storage	2	3110	64 MB main storage	2
5135	#5135 Feature Power Supply	1	5000	Software Preload ¹	1	5000	Software Preload ¹	1
5517	Alt-IPL Specify QIC-2500	1	5135	#5135 Feature Power Supply	1	5135	#5135 Feature Power Supply	1
5520	Complete System Specify	1	5514	Alt-IPL Specify for 7208	1	5514	Alt-IPL Specify for 7208	1
6148	8-Port Twinaxial Expansion	1	5520	Complete System Specify	1	5520	Complete System Specify	1
6380	#6380 2.5 GB ¼-inch Cartridge Tape Unit	1	6050	Twinaxial Expansion	1	6050	Twinaxial Expansion	1
6606	1.96 GB Disk Unit	1	6148	8-Port Twinaxial Expansion	1	6148	8-Port Twinaxial Expansion	1
7000	Panel Keylock Feature	1	6390	7.0 GB 8mm cartridge tape unit	1	6390	7.0 GB 8mm cartridge tape unit	1
7108	Expansion Gate	1	6522	Disk Unit Controller for RAID	1	6522	Disk Unit Controller for RAID	1
8609	EIA 232/V.24 Two-Line Adapter	2	6606	1.96 GB Disk Unit	5	6606	1.96 GB Disk Unit	5
9023	EIA 232/V.24 Enhanced Cable	1	7000	Panel Keylock Feature	1	7000	Panel Keylock Feature	1
9172	Standard MFIOPTwinaxial	1	7108	Expansion Gate	1	7108	Expansion Gate	1
9319	Standard DASD Package	1	7117	#7117 Integrated Expansion Unit	1	7117	#7117 Integrated Expansion Unit	1
9520	Base CD-ROM	1	8609	EIA 232/V.24 Two-Line Adapter	1	8609	EIA 232/V.24 Two-Line Adapter	1
9606	Base 1.96 GB Disk Unit	1	9023	EIA 232/V.24 Enhanced Cable	2	9023	EIA 232/V.24 Enhanced Cable	2
			9172	Standard MFIOPTwinaxial	1	9172	Standard MFIOPTwinaxial	1
			9244	300 W Power Supply	1	9244	300 W Power Supply	1
			9319	Standard DASD Package	1	9319	Standard DASD Package	1
			9520	Base CD-ROM	1	9520	Base CD-ROM	1
			9606	Base 1.96 GB Disk Unit	1	9606	Base 1.96 GB Disk Unit	1
Allowable substitutions: In place of #2131: #2132 Processor (32 MB) or #2133 Processor (32 MB)			Allowable substitutions: None			Allowable substitutions: In place of #2131: #2132 Processor (32 MB) or #2133 Processor (32 MB)		
<p>Note 1: Country Specific Software: OS/400 (5716-SS1), Client Access for AS/400 (5716-XA1), Query for AS/400 (5716-QU1), DB2 Query Manager (5716-ST1), and SQL Development for AS/400. Additional no charge codes and configurations specify codes for hardware and software are added as required by the configurator. All packages can have optional hardware added up to the configuration limits.</p>								

13.3 AS/400e Model 4SS, 4SE, 4SG, 4TG, 4SL, and 4TL summary

Package name	Small Server 4SS	Entry Server 4SE	Growth Server 4SG	Growth Server 4TG	Large Server 4SL	Large Server 4TL
Relative system performance (CPW-V3R6) ²						
Client/server environment	24.5-52.9	24.5-52.9	24.5-52.9	77.3	24.5-52.9	77.3
Interactive environment	8.4-18.3	8.4-18.3	8.4-18.3	26.9	8.4-18.3	26.9
Relative system performance (CPW-V3R7) ³						
Client/server environment	27.0-59.8	27.0-59.8	27.0-59.8	87.3	27.0-59.8	87.3
Interactive environment	9.4-20.6	9.4-20.6	9.4-20.6	30.7	9.4-20.6	30.7
Main storage (MB) ²	32-224/ 64-512	32-224/ 64-512	32-224/ 64-512	128-512	96-224/ 128-512	128-512
Disk storage (GB)	3.93-23.6	3.93-23.6	7.86-23.6	7.86-23.6	11.0-23.6	11.80-23.6
Standard tape cartridge	¼-inch	¼-inch	¼-inch	¼-inch	8mm	8mm
Twinaxial devices	7	7	7	7	7	7
LAN adapters	1-2	1-2	1-2	1-2	1-2	1-2
Communication lines	2-20	2-20	2-20	2-20	2-20	2-20
Software Charge Group	P05	P05	P05	P10	P05	P10
Software	OS/400 Client Access for AS/400 Query for AS/400 DB2 Query Manager and SQL Development Kit for AS/400					

Note 1	Commercial Processing Workload (CPW) is used to measure the performance of all iSeries and AS/400e processors announced from September 1996 onward. The CPW value is measured on maximum configurations. The type and number of disk devices, the number of workstation controllers, the amount of memory, the system model, other factors, and the application being run determine what performance is achievable.
Note 2	#2109 and #2110 Processors support 32 to 224 MB main storage. #2111 and #2112 Processors support 64 to 512MB.
Note 3	As of February 1997 with V3R7, the maximum disk capacity is 50.3 GB.
Note 4	The Model 40S packages support three LAN adapters if running Firewall for AS/400 (5769-FW1). Package 4SS has a base Ethernet or token ring adapter. The other five packages have a base Integrated PC Server (formerly known as FSIOP).

13.4 AS/400e Model 4SS, 4SE, 4SG, 4TG, 4SL, and 4TL features

Small Server 4SS			Entry Server 4SE			Growth Server 4SG		
9402	System Unit	1	9402	System Unit	1	9402	System Unit	1
0110	Packaged Configuration	1	0110	Packaged Configuration	1	0110	Packaged Configuration	1
0160	Software Package P05	1	0160	Software Package P05	1	0160	Software Package P05	1
2109	Processor (32 MB)	1	2109	Processor (32 MB)	1	2109	Processor (32 MB)	1
296x	Power Cord ¹	1	296x	Power Cord ¹	1	296x	Power Cord ¹	1
5000	Software Preload ¹	1	5000	Software Preload ¹	1	3182	32 MB main storage	1
5135	#5135 Feature Power Supply	1	5135	#5135 Feature Power Supply	1	5000	Software Preload ¹	1
5517	Alt-IPL Specify	1	5517	Alt-IPL Specify	1	5135	#5135 Feature Power Supply	1
	QIC-2500			QIC-2500		5517	Alt-IPL Specify	1
5520	Complete System Specify	1	5520	Complete System Specify	1	5520	Complete System Specify	1
			6380	#6380 2.5 GB ¼-inch	1	6380	#6380 2.5 GB ¼-inch	1
6380	#6380 2.5 GB ¼-inch	1		Cartridge Tape Unit			Cartridge Tape Unit	
	Cartridge Tape Unit		6606	1.96 GB Disk Unit	1	6606	1.96 GB Disk Unit	1
6606	1.96 GB Disk Unit	1	7000	Panel Keylock Feature	1	7000	Panel Keylock Feature	1
7000	Panel Keylock Feature	1	8609	EIA 232/V.24 Two-Line	1	8609	EIA 232/V.24 Two-Line	1
8609	EIA 232/V.24 Two-Line	1		Adapter			Adapter	
	Adapter		8717	Base 32 MB 1-Port	1	8718	Base 48 MB 1-Port	1
9032	EIA 232/V.24 Enhanced	2		Integrated PC Server			Integrated PC Server	
	Cable			(formerly known as FSIOF)			(formerly known as FSIOF)	
9108	Standard Expansion Gate	1		EIA 232/V.24 Enhanced			EIA 232/V.24 Enhanced	
9172	Standard MFIOF Twinaxial	1	9023	Cable	2	9023	EIA 232/V.24 Enhanced	2
9319	Standard DASD Package	1	9024	802.5 Token Ring Cable	1		Cable	
9520	Base CD-ROM	1		(2.44 M)		9024	802.5 Token Ring Cable	1
9606	Base 1.96 GB Disk Unit	1	9108	Standard Expansion Gate	1		(2.44 M)	
9617	Ethernet/IEEE 802.3	1	9172	Standard MFIOF Twinaxial	1	9108	Standard Expansion Gate	1
	CSMA/CD Adapter		9319	Standard DASD Package	1	9172	Standard MFIOF Twinaxial	1
			9520	Base CD-ROM	1	9319	Standard DASD Package	1
			9606	Base 1.96 GB Disk Unit	1	9520	Base CD-ROM	1
						9606	Base 1.96 GB Disk Unit	1
<p>Allowable substitutions: In place of #2109: #2110 or #2111 Processor (Requires two #9282 Base 32 MB or two #8210 64 MB main storage features) In place of #9617: #9619 16/4Mbps Token Ring Adapter/HP</p>			<p>Allowable substitutions: In place of #2109: #2110 or #2111 Processor (requires two #9282 Base 32MB or two #8210 64 MB main storage features) In place of #8717: #8718 Base 48 MB 1-Port or #8719 Base 64 MB 1-Port or #8727 Base 32 MB 2-Port or #8728 Base 48 MB 2-Port or #8729 Base 64 MB 2-Port Integrated PC Server In place of #9024: #9025 Ethernet Cable (3 M) As of February 1997, the #8717 was replaced by #6616 Integrated PC Server with #2861 32 MB Integrated PC Server Memory, #9249 Base Token Ring IOA and #9116 2 Book Cage High Performance Enabler. In place of #9249, the #9381 Base Ethernet IEEE 802.3 IOA can be ordered, and in place of #2861, the #2862 128 MB IPCS Memory can be ordered.</p>			<p>Allowable substitutions: In place of #2109: #2110 or #2111 Processor (requires two #9282 Base 32 MB or two #8210 64 MB main storage features) In place of #3182: #3110 64 MB main storage In place of #8718: #8719 Base 64 MB 1-Port or #8728 Base 48 MB 2-Port or #8729 Base 64 MB 2-Port Integrated PC Server In place of #9024: #9025 Ethernet Cable (3M) As of February 1997, the #8717 was replaced by #6616 Integrated PC Server with #2861 32 MB Integrated PC Server Memory, #9249 Base Token Ring IOA and #9116 2 Book Cage High Performance Enabler. In place of #9249, the #9381 Base Ethernet IEEE 802.3 IOA can be ordered, and in place of either or both #2861, the #2862 128 MB IPCS Memory can be ordered.</p>		
<p>Note 1: Country Specific Software: OS/400 (5716-SS1), Client Access for AS/400 (5716-XA1), Query for AS/400 (5716-QU1), DB2 Query Manager (5716-ST1), and SQL Development for AS/400. Additional no charge codes and configurations specify codes for hardware and software are added as required by the configurator. All packages can have optional hardware added up to the configuration limits.</p>								

Growth Server 4TG			Large Server 4SL			Large Server 4TL		
9402	System Unit	1	9402	System Unit	1	9402	System Unit	1
1001	Packaged Configuration	1	0044	Data Loss Protection	1	0044	Data Loss Protection	1
0161	Software Package P10	1	0110	Packaged Configuration	1	0110	Packaged Configuration	1
2112	Processor	1	0160	Software Package P05	1	0161	Software Package P10	1
296x	Power Cord ¹	1	2109	Processor (32 MB)	1	2112	Processor	1
3110	64 MB main storage	1	296x	Power Cord ¹	1	296x	Power Cord ¹	1
5000	Software Preload ¹	1	3110	64 MB main storage	1	3110	64 MB main storage	1
5135	#5135 Feature Power Supply	1	5000	Software Preload ¹	1	5000	Software Preload ¹	1
5517	Alt-IPL Specify	1	5135	#5135 Feature Power Supply	1	5135	#5135 Feature Power	1
	QIC-2500		5514	Alt-IPL Specify for 7208	1	5514	Supply	1
5520	Complete System Specify	1	5520	Complete System Specify	1	5520	Alt-IPL Specify for 7208	1
6380	2.5 GB ¼-inch cartridge tape unit	1	6390	7.0 GB 8 mm cartridge tape unit	1	6390	Complete System Specify	1
6606	1.96 GB Disk Unit	3	6522	Disk Init Controller for RAID	1	6522	unit	1
7000	Panel Keylock Feature	1	6606	1.96 GB Disk Unit	5	6606	Disk Init Controller for RAID	5
8609	EIA 232/V.24 Two-Line Adapter	1	7000	Panel Keylock Feature	1	7000	1.96 GB Disk Unit	1
8718	Base 48 MB 1-Port Integrated PC Server (formerly known as FSIOF)	1	7117	#7117 Integrated Expansion Unit	1	7117	Panel Keylock Feature	1
9023	EIA 232/V.24 Enhanced Cable	2	8609	EIA 232/V.24 Two-Line Adapter	1	8609	#7117 Integrated Expansion Unit	1
9024	802.5 Token Ring Cable (2.44 M)	1	8718	Base 48 MB 1-Port Integrated PC Server (formerly known as FSIOF)	2	8718	EIA 232/V.24 Two-Line Adapter	1
9108	Standard Expansion Gate	1	9023	EIA 232/V.24 Enhanced Cable	1	9023	Base 48 MB 1-Port Integrated PC Server (formerly known as FSIOF)	2
9110	Base 64 MB Main Storage	1	9024	802.5 Token Ring Cable (2.44 M)	1	9024	EIA 232/V.24 Enhanced Cable	1
9172	Standard MFIOF Twinaxial	1	9108	Standard Expansion Gate	1	9024	802.5 Token Ring Cable (2.44 M)	1
9319	Standard DASD Package	1	9172	Standard MFIOF Twinaxial	1	9108	Standard Expansion Gate	1
9520	Base CD-ROM	1	9244	300 W Power Supply	1	9110	Base 64 MB Main Storage	1
9606	Base 1.96 GB Disk Unit	1	9319	Standard DASD Package	1	9172	Storage	1
			9520	Base CD-ROM	1	9244	Standard MFIOF Twinaxial	1
			9606	Base 1.96 GB Disk Unit	1	9319	300 W Power Supply	1
						9520	Standard DASD Package	1
						9606	Base CD-ROM	1
							Base 1.96 GB Disk Unit	1
<p>Allowable substitutions: In place of #8718: #8719 Base 64 MB 1-Port or #8728 Base 48 MB 2-Port or #8729 Base 64 MB 2-Port Integrated PC Server</p> <p>In place of #9024: #9025 Ethernet Cable (3 M)</p> <p>As of February 1997, the #8718 was replaced by the #6616 Integrated PC Server with the #2861 32 MB Integrated PC Server Memory, #9249 Base Token Ring IOA, and #9116 2 Book Cage High Performance Enabler. In place of the #9249, the #9381 Base Ethernet IEEE 802.3 IOA can be ordered, and in place of the #2861, the #2862 128 MB IPCS Memory can be ordered.</p>			<p>Allowable substitutions: In place of #2109: #2110 Processor or #2111 Processor (Requires one 9110 Base 64 MB main storage feature)</p> <p>In place of #8718: #8719 Base 64 MB 1-Port or #8728 Base 48 MB 2-Port or #8729 Base 64 MB 2-Port Integrated PC Server</p> <p>In place of #9024: #9025 Ethernet Cable (3 M)</p> <p>As of February 1997, the #8718 was replaced by #6616 Integrated PC Server with #2861 32 MB Integrated PC Server Memory, #9249 Base Token Ring IOA, and #9116 2 Book Cage High Performance Enabler. In place of #9249, the #9381 Base Ethernet IEEE 802.3 IOA can be ordered, and in place of either or both #2861, the #2862 128 MB IPCS Memory can be ordered.</p>			<p>Allowable substitutions: In place of #8718: #8719 Base 64 MB 1-Port or #8728 Base 48 MB 2-Port or #8729 Base 64 MB 2-Port Integrated PC Server</p> <p>In place of #9024: #9025 Ethernet Cable (3 M)</p> <p>As of February 1997, the #8718 was replaced by the #6616 Integrated PC Server with #2861 32 MB Integrated PC Server Memory, #9249 Base Token Ring IOA and #9116 2 Book Cage High Performance Enabler. In place of the #9249, the #9381 Base Ethernet IEEE 802.3 IOA can be ordered, and in place of the #2861, the #2862 128 MB IPCS Memory can be ordered.</p>		

Growth Server 4TG	Large Server 4SL	Large Server 4TL
<p>Note 1: Country Specific Software: OS/400 (5716-SS1), Client Access for AS/400 (5716-XA1), Query for AS/400 (5716-QU1), DB2 Query Manager (5716-ST1), and SQL Development for AS/400.</p> <p>Additional no charge codes and configurations specify codes for hardware and software are added as required by the configurator. All packages can have optional hardware added up to the configuration limits.</p>		

13.5 AS/400e Model 42E, 42G, and 42L package summary

Package name	Entry 42E	Growth 42G	Large 42L
Relative system performance (CPW-V3R6) ¹	12.3-30.6	12.3-30.6	12.3-30.6
Relative system performance (CPW-V3R7) ¹	13.8-33.3	13.8-33.3	13.8-33.3
Main storage (MB) ²	64-160/64-224	96-160/96-224	160/160-224
Disk storage (GB) ³	3.93-23.6	7.84-23.6	11.80-23.6
Standard tape cartridge	¼-inch	¼-inch	8mm
Twinaxial devices	40-280	40-280	80-280
LAN adapters ⁴	0-2	0-2	0-2
Communications	1-20	2-20	2-20

Note 1	Commercial Processing Workload (CPW) is used to measure the performance of all iSeries and AS/400e processors announced from September 1996 onward. The CPW value is measured on maximum configurations. The type and number of disk devices, the number of workstation controllers, the amount of memory, the system model, other factors, and the application being run determine what performance is achievable.
Note 2	The #2130 processor supports 160 MB main storage. The #2131, #2132, and #2133 processors support a maximum of 224 MB.
Note 3	As of February 1997 with V3R7, the maximum disk capacity is 50.3 GB.
Note 4	The Model 400 packages support three LAN adapters if running Firewall for AS/400 (5769-FW1).

13.6 AS/400e Model 42E, 42G, and 42L package features

Entry 42E			Growth 42G			Large 42L		
9402	System Unit	1	9402	System Unit	1	9402	System Unit	1
0110	Packaged Configuration	1	0110	Packaged Configuration	1	0044	Data Loss Protection	1
2130	Processor (32 MB)	1	2130	Processor (32 MB)	1	0110	Packaged Configuration	1
296x	Power Cord ¹	1	296x	Power Cord ¹	1	2130	Processor (32 MB)	1
3182	32 MB main storage	1	3110	64 MB main storage	1	296x	Power Cord ¹	1
5517	Alt-IPL Specify QIC-2500	1	5135	#5135 Feature Power Supply	1	3110	64 MB main storage	2
5520	Complete System Specify	1	5517	Alt-IPL Specify QIC-2500	1	5135	#5135 Feature Power Supply	1
6148	8-port Twinaxial Expansion	1	5520	Complete System Specify	1	5514	Alt-IPL Specify for 7208	1
6380	#6380 2.5 GB ¼-inch	1	6148	8-port Twinaxial Expansion	1	5520	Complete System Specify	1
6606	Cartridge Tape Unit	1	6380	#6380 2.5 GB ¼-inch Cartridge Tape Unit	1	6050	Twinaxial Expansion	1
7000	1.96 GB Disk Unit	1	6606	1.96 GB Disk Unit	1	6148	8-port Twinaxial Expansion	1
9023	Panel Keylock Feature EIA 232/V.24 Two-Line	1	7000	Panel Keylock Feature	1	6390	7.0 GB 8 mm cartridge tape unit	1
9172	Adapter	1	7108	Expansion Gate	1	6522	Disk Unit Controller for RAID	1
9242	Standard MFIOF Twinaxial	1	8609	EIA 232/V.24 Two-Line Adapter	1	6606	1.96 GB Disk Unit	5
9319	Base 175 Watt Power Supply	1	9023	EIA 232/V.24 Enhanced Cable	2	7000	Panel Keylock Feature	1
9520	Standard DASD Package	1	9172	Standard MFIOF Twinaxial	1	7108	Expansion Gate	1
9606	Base CD-ROM	1	9319	Standard DASD Package	1	7117	#7117 Integrated Expansion Unit	1
9612	Base 1.96 GB Disk Unit EIA 232/V.24 One-Line Adapter	1	9520	Base CD-ROM	1	8609	EIA 232/V.24 Two-Line Adapter	1
			9606	Base 1.96 GB Disk Unit	1	9023	EIA 232/V.24 Enhanced Cable	1
						9172	Standard MFIOF Twinaxial	1
						9244	Base 300 W Power Supply	1
						9319	Standard DASD Package	1
						9520	Base CD-ROM	1
						9606	Base 1.96 GB Disk Unit	1
<p>Allowable substitutions: In place of #2130: #2131 Processor (32 MB) or #2132 Processor (32 MB) or #2133 Processor (32 MB)</p> <p>In place of #3182: #3110 64 MB main storage</p> <p>In place of #9242: #5135 Feature Power Supply</p> <p>In place of #9612: #8609 EIA 232/V.24 Two-Line Adapter</p>			<p>Allowable substitutions: In place of #2130: #2131 Processor (32 MB) or #2132 Processor (32 MB) or #2133 Processor (32 MB)</p>			<p>Allowable substitutions: In place of #2130: #2131 Processor (32 MB) or #2132 Processor (32 MB) or #2133 Processor (32 MB)</p>		
<p>Note 1: Country Specific. Additional no charge codes and configuration specify codes for hardware are added as required by the configurator. All packages can have optional hardware added up to the configuration limits.</p>								

13.7 AS/400e Model 4HS, 4HE, 4HG, and 4HL package summary

Package name	Small Server 4HS	Entry Server 4HE	Growth Server 4HG	Large Server 4HL
Relative system performance (CPW-V3R6) ¹				
Client/server environment	24.5-77.3	24.5-52.9	24.5-52.9	24.5-52.9
Interactive environment	8.4-26.9	8.4-18.3	8.4-18.3	8.4-18.3
Relative system performance (CPW-V3R7) ¹				
Client/server environment	27.0-87.3	27.0-59.8	27.0-59.8	27.0-59.8
Interactive environment	9.4-30.7	9.4-20.6	9.4-20.6	9.4-20.6
Main storage (MB) ²	32-224/64-512	32-224/64-512	64-224/128-512	96-224/128-512
Disk storage (GB) ³	3.93-23.6	3.93-23.6	7.84-23.6	11.0-23.6
Standard tape cartridge	¼-inch	¼-inch	¼-inch	8mm
Twinaxial devices (maximum)	7	7	7	7
LAN adapters ⁴	1-2	1-2	1-2	1-2
Communication lines	1-20	2-20	2-20	2-20

Note 1	Commercial Processing Workload (CPW) is used to measure the performance of all iSeries and AS/400e processors announced from September 1996 onward. The CPW value is measured on maximum configurations. The type and number of disk devices, the number of workstation controllers, the amount of memory, the system model, other factors, and the application being run determine what performance is achievable.
Note 2	The #2109 and #2110 processor support a maximum of 224 MB main storage. The #2111 and #2112 processors support a maximum of 512 MB.
Note 3	As of February 1997 with V3R7, the maximum disk capacity is 50.3 GB.
Note 4	The Model 400 packages support three LAN adapters if running Firewall for AS/400 (5769-FW1). Package 4HS has a base Ethernet or token ring adapter. The other three packages have a base Integrated PC Server (formerly known as FSIOF).

13.8 AS/400e Model 4HS, 4HE, 4HG, and 4HL package features

Small Server 4HS			Entry Server 4HE			Growth Server 4HG		
9402	System Unit	1	9402	System Unit	1	9402	System Unit	1
0110	Packaged Configuration	1	0110	Packaged Configuration	1	0110	Packaged Configuration	1
2109	Processor (32 MB)	1	2109	Processor (32 MB)	1	2109	Processor (32 MB)	1
296x	Power Cord ¹	1	296x	Power Cord ¹	1	296x	Power Cord ¹	1
5135	#5135 Feature Power Supply	1	5135	#5135 Feature Power Supply	1	3182	32 MB main storage	1
5517	Alt-IPL Specify QIC-2500	1	5517	Alt-IPL Specify QIC-2500	1	5517	Alt-IPL Specify QIC-2500	1
5520	Complete System Specify	1	5520	Complete System Specify	1	5520	Complete System Specify	1
6380	#6380 2.5 GB ¼-inch Cartridge Tape Unit	1	6380	#6380 2.5 GB ¼-inch Cartridge Tape Unit	1	6380	#6380 2.5 GB ¼-inch Cartridge Tape Unit	1
6606	1.96 GB Disk Unit	1	6606	1.96 GB Disk Unit	1	6606	1.96 GB Disk Unit	1
7000	Panel Keylock Feature	1	7000	Panel Keylock Feature	1	7000	Panel Keylock Feature	1
8609	EIA 232/V.24 Two-Line Adapter	2	8609	EIA 232/V.24 Two-Line Adapter	1	8609	EIA 232/V.24 Two-Line Adapter	1
9023	EIA 232/V.24 Enhanced Cable	1	8717	Base 32 MB 1-Port Integrated PC Server (formerly known as FSIOF)	2	8717	Base 32 MB 1-Port Integrated PC Server (formerly known as FSIOF)	1
9108	Standard Expansion Gate	1	9023	EIA 232/V.24 Enhanced Cable	1	9023	EIA 232/V.24 Enhanced Cable	2
9172	Standard MFIOF Twinaxial	1	9024	802.5 Token Ring Cable (2.44 M)	1	9024	802.5 Token Ring Cable (2.44 M)	2
9319	Standard DASD Package	1	9108	Standard Expansion Gate	1	9108	Standard Expansion Gate	1
9520	Base CD-ROM	1	9172	Standard MFIOF Twinaxial	1	9172	Standard MFIOF Twinaxial	1
9606	Base 1.96 GB Disk Unit	1	9319	Standard DASD Package	1	9319	Standard DASD Package	1
9617	Ethernet/IEEE 802.3 CSMA/CD Adapter	1	9520	Base CD-ROM	1	9520	Base CD-ROM	1
			9606	Base 1.96 GB Disk Unit	1	9606	Base 1.96 GB Disk Unit	1
<p>Allowable substitutions: In place of #2109: #2110 Processor or #2111 Processor or #2112 Processor (The #2111 or #2112 require two #9282 base 32 MB main storage or two #8210 64 MB main storage features.) In place of #9617: #9619 Base 16/4Mbps Token Ring Adapter/HP</p>			<p>Allowable substitutions: In place of #2109: #2110 Processor or #2111 Processor or #2112 Processor (The #2111 or #2112 require two #9282 base 32 MB main storage or two #8210 64 MB main storage features.) In place of #8717: #8718 Base 48 MB 1-Port or #8719 Base 64 MB 1-Port or #8727 Base 32 MB 2-Port or #8728 Base 48 MB 2-Port or #8729 Base 64 MB 2-Port Integrated PC Server In place of #9024: #9025 Ethernet Cable (3M) As of February 1997, the #8717 was replaced by the #6616 Integrated PC Server with #2861 32 MB Integrated PC Server Memory, #9249 Base Token Ring IOA, and #9116 2 Book Cage High Performance Enabler. In place of the #9249, the #9381 Base Ethernet IEEE 802.3 IOA can be ordered, and in place of the #2862, 128 MB IPCS Memory can be ordered.</p>			<p>Allowable substitutions: In place of #2109: #2110 Processor or #2111 Processor or #2112 Processor (The #2111 or #2112 require one #9110 Base 64 MB main storage and one 3110 64 MB main storage features.) In place of #3182: #3110 64 MB main storage In place of #8718: #8719 Base 64 MB 1-Port or #8728 Base 48 MB 2-Port or #8729 Base 64 MB 2-Port Integrated PC Server In place of #9024: #9025 Ethernet Cable (3M) As of February 1997, the #8718 was replaced by the #6616 Integrated PC Server with #2861 32 MB Integrated PC Server Memory, #9249 Base Token Ring IOA, and #9116 2 Book Cage High Performance Enabler. In place of the #9249, the #9381 Base Ethernet IEEE 802.3 IOA can be ordered, and in place of either or both #2861, the #2862, 128 MB IPCS Memory can be ordered.</p>		
<p>Note 1: Country Specific. Additional no charge codes and configurations specify codes for hardware are added as required by the configurator. All packages can have optional hardware added up to the configuration limits.</p>								

9402	System Unit 4HL	1
0044	Data Loss Protection	1
0110	Packaged Configuration	1
2109	Processor (32 MB)	1
296x	Power Cord ¹	1
3110	64 MB main storage	1
5135	#5135 Feature Power Supply	1
5514	Alt-IPL Specify for 7208	1
5520	Complete System Specify	
6390	#6390 7 GB 8 mm Cartridge Tape Unit	1
6522	Disk Unit Controller for RAID	1
6606	1.96 GB Disk Unit	5
7000	Panel Keylock Feature	1
7117	#7117 Integrated Expansion Unit	1
8609	EIA 232/V.24 Two-Line Adapter	1
8718	Base 48 MB 1-Port Integrated PC Server (formerly known as FS10P)	1
9023	EIA 232/V.24 Enhanced Cable	2
9024	802.5 Token Ring Cable (2.44 M)	1
9108	Standard Expansion Gate	1
9172	Base MFIOP Twinaxial	1
9244	Base 300 W Power Supply	1
9319	Standard DASD Package	1
9520	Base CD-ROM	1
9606	Base 1.96 GB Disk Unit	1
<p>Allowable substitutions:</p> <p>In place of #2109: #2110 Processor or #2111 Processor or #2112 Processor (The #2111 or #2112 require one #9110 Base 64 MB main storage feature.)</p> <p>In place of #8718: #8719 Base 64 MB 1-Port or #8728 Base 48 MB 2-Port or #8729 Base 64 MB 2-Port Integrated PC Server</p> <p>In place of #9024: #9025 Ethernet Cable (3M)</p> <p>As of February 1997, the #8718 was replaced by #6616 Integrated PC Server with #2861 32 MB Integrated PC Server Memory, #9249 Base Token Ring IOA, and #9116 2 Book Cage High Performance Enabler. In place of #9249, the #9381 Base Ethernet IEEE 802.3 IOA can be ordered, and in place of either or both #2861, the #2862, 128 MB IPCS Memory can be ordered.</p>		
<p>Note 1: Country Specific. Additional no charge codes and configurations specify codes for hardware are added as required by the configurator. All packages can have optional hardware added up to the configuration limits.</p>		