

Amdahl 580 Series

Product Enhancement

Not to be outdone by IBM in light of its latest large-scale 3081, the Model Group K, Amdahl unveiled a new model in its large-scale 580 Series, the 5870. The new system, announced October 27, 1981, features a tightly-coupled dual processor configuration on top of the basic elements of the single-processor Amdahl 5860. The additional processor is said to increase the performance of the 5870 by 70 per cent and gives the 5870 about the same price/performance as the 3081K. The new system uses all the technology and packaging techniques found in the single-processor 5860. The 5870 has from 16 to 32 megabytes of memory, two 32K-byte high-speed buffers in each processor, 18 to 34 input/output channels (of which two are byte multiplexer channels and the remainder are block multiplexer channels), and can be field-upgraded to the company's top-end 5880 dual-processor system. Amdahl also said its 5860 can be field-upgraded either to the new 5870 or directly to the 5880.

Amdahl announced it will support IBM's MVS/SP Version 2 and related data management facilities, also known as the System/370 Extended Architecture, or MVS/XA. In particular, the company said it will support the 31-bit addressing required in the new Extended Architecture mode, not only in its 580 Series, but also in its 470/V7 Series and 470/V8 product lines. Releases 1 and 2 of IBM's VM/SP, VM/SP High Performance Option, and the VM/Extended Architecture Migration Aid program products will also be supported. Amdahl also said it will support the new 3880 Storage Control Models 11 and 13.

Initial deliveries of the 5870 are planned for third quarter 1983, approximately one year after deliveries of the 3081K are scheduled. Amdahl also announced additional price changes for its other 580 models as well as the 470 Series. Purchase prices for the 5860 and 5880 systems were lowered five per cent and lease prices were hiked three percent.

EQUIPMENT PRICES

		<u>Purchase Price</u>	<u>Monthly Maint.</u>	<u>2-Year Lease*</u>	<u>4-Year Lease*</u>
PROCESSORS AND MAIN MEMORY					
5870	Dual CPU Complex; includes two 32K-byte buffer storage units per CPU, console with maintenance processor and power distribution unit per CPU; main memory and channels as listed below.				
	With 16,777,216 bytes of main memory and:				
	16 channels	\$5,400,000	\$16,850	\$169,400	\$135,525
	24 channels	5,550,000	17,050	174,150	139,325
	32 channels	5,700,000	17,250	178,900	143,125
	With 25,165,824 bytes of main memory and:				
	16 channels	5,600,000	17,250	175,825	140,675
	24 channels	5,750,000	17,450	180,575	144,475
	32 channels	5,900,000	17,650	185,325	148,275
	With 33,554,432 bytes of main memory and:				
	16 channels	5,800,000	17,650	182,250	145,825
	24 channels	5,950,000	17,850	187,000	149,625
	32 channels	6,100,000	18,050	191,750	153,425
	8-Megabyte Memory Increment	200,000	400	8,025	6,425
	Eight-Channel Group	175,000	200	5,950	4,750
	Channel-to-Channel Adapter	15,000	—	625	500
	Field Upgrade				
	5860 to 5870	1,850,000	7,000	70,600	56,475
	5870 to 5880	1,050,000	665	38,750	30,975
	5860 to 5880	2,850,000	7,665	109,350	87,450

*Includes 24-hour/7-day service; applies to both purchased and leased systems.

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	<u>Monthly Program Support Charge</u>	<u>Monthly Multiple Program Support Charge</u>
▷ LOCAL PROGRAMMING SUPPORT		
5860		
Category A	\$ 975	\$ 585
Category B	1,450	835
5870		
Category A	1,275	760
Category B	1,825	1,100
5880		
Category A	1,465	880
Category B	2,100	1,255

Category A includes OS/VS1 and VM/370.

Category B includes all SCPs in Category A, plus MVS.□