



AlphaStation 200 4/233 V2.1

Digital Systems and Options Catalog

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AlphaStation 200 4/233 ADVANTAGE CONFIGURATIONS

Y=in base configuration; M=mandatory option; O=option

AlphaStation 200 4/233	Resources Used		Digital UNIX 3D Solids		Digital UNIX/ OpenVMS 2D		Windows NT 2D
Application Profile			CAD		CAD		CAD
Includes: (120V/240V)			PB430-CB		PB430-BB PB431-BB		PB432-AB
CPU Alpha microprocessor	21064A 233-MHz	Y	Y	Y	Y	Y	Y
Floppy Disk Drive 1.44 MB	Dedicated bay	Y	Y	Y	Y	Y	Y
CD-ROM 600 MB	5.25" SCSI bay	Y	Y	Y	Y	Y	Y
Ethernet, Sound, Headset, Microphone, Mouse		Y	Y	Y	Y	Y	Y
Operating System		Y	Y	Y	Y	Y	Y
Memory (a)	1 bank	Y	64 MB	Y	64 MB	Y	32 MB
Internal storage	1" bay 1 SCSI	Y	2 GB	Y	1 GB	Y	1 GB
Graphics	1 PCI slot	Y	ZLXp-L1	Y	ZLXp-E1 (b)	Y	ZLXp-E1 (b)
User Documentation-English		Y	Y	Y	Y	Y	Y
Remaining available resources							
I/O slots PCI / ISA / Combo(c)			0 / 1 / 1		0 / 1 / 1		0 / 1 / 1
Memory banks			2		2		2
3.5 x 1" / 3.5 x 1.6" bays			0 / 1		0 / 1		0 / 1
SCSI-2 devices (d, e)			5		5		5
1. Country Options	Select		1		1		1
PS/2 style keyboard (f)		M	LK471-xx	M	LK471-xx	M	LK471-xx
VMS / VT style keyboard (f)		M	LK461-xx	M	LK461-xx	M	LK461-xx
Power Cord (g)		M	BNxxx-xx	M	BNxxx-xx	M	BNxxx-xx
Note: LK471-AA and LK461-AA, English keyboards, include U.S. power cord; power cord does not need to be ordered separately.							
2. Color Monitors	Select		1		1		1
17" Color Monitor NH/SH (h)		M	VRT17-PA/P4	M	VRT17-PA/P4	M	VRT17-PA/P4
21" Color Monitor NH/SH (h)		M	VRC21-LA/P4	M	VRC21-LA/P4	M	VRC21-LA/P4
3. Additional Memory	Select		0, 1 or 2		0, 1 or 2		0, 1 or 2
16-Mbyte	1 bank	O	MSP01-AB	O	MSP01-AB	O	MSP01-AB
32-Mbyte	1 bank	O	MSP01-AC	O	MSP01-AC	O	MSP01-AC
64-Mbyte	1 bank	O	MSP01-AD	O	MSP01-AD	O	MSP01-AD
4. Second hard drive	Select		0 or 1		0 or 1		0 or 1
1.05 Gbyte 5400 RPM	1" bay 1 SCSI	O	PBXRZ-EB	O	PBXRZ-EB	O	PBXRZ-EB
2.1 Gbyte 5400 RPM	1" bay 1 SCSI	O	PBXRZ-HB	O	PBXRZ-HB	O	PBXRZ-HB
4.3 Gbyte 7200 RPM	1.6" bay 1 SCSI	O	PBXRZ-NA	O	PBXRZ-NA	O	PBXRZ-NA
5. Software Media and Documentation Kit							
Digital UNIX		O	QA-MT4AA-H8	O	QA-MT4AA-H8		
OpenVMS				O	QA-MT1AP-H8		
6. Additional Options: See AlphaStation Options for a comprehensive list of qualified options (a)							

- (a) Six SIMM slots support three memory banks (3 SIMM pairs). Memory pairs can be mixed.
- (b) Multi-screen graphics options for Digital UNIX and OpenVMS systems. Options require DEC Open3D media which is included in factory installed software (FIS). Windows NT graphics options include ZLXp-E Support Services Software license, media and documentation.
- (c) For PCI or ISA cards, check the availability of slots (initially 1 PCI, 1 PCI/ISA combination, 1 ISA).

- (d) For more than 7 internal or external devices, a fast SCSI-2 controller, which supports 7 devices, is required.
- (e) Each external device requires a 3-foot SCSI-cable.
- (f) Select country-specific keyboard from AlphaStation Options section.
- (g) Select country-specific power cord from AlphaStation Options section.
- (h) Monitors include video cable and 120 V power cord. Order country specific power cord for 240V use from AlphaStation Options section.

AlphaStation 200 4/233 BASE CONFIGURATIONS

Y=in base configuration; M=mandatory option; O=option

AlphaStation 200 4/233	Resources Used		Digital UNIX	OpenVMS	Windows NT
Includes: (120V/240V)			PB42A-AA	PB42A-BA	PB42A-CA
CPU Alpha microprocessor	21064A1233-MHz	Y	Y	Y	Y
Floppy Disk Drive 1.44 MB	Dedicated bay	Y	Y	Y	Y
CD-ROM 600 MB	5.25" bay SCSI	Y	Y	Y	Y
Ethernet, Sound, Headset, Microphone, Mouse		Y	Y	Y	Y
Integration Service		Y	Y	Y	Y
Operating System		Y	Y	Y	Y
User Documentation English		Y	Y	Y	Y
Remaining available resources					
I/O slots PCI / ISA / combo (a)			1 / 1 / 1	1 / 1 / 1	1 / 1 / 1
Memory banks (b)			3	3	3
3.5 x 1" / 3.5 x 1.6" bays			1 / 1	1 / 1	1 / 1
SCSI-2 devices (c, d)			6	6	6
1. Country Options	Select		1	1	1
PS/2 style keyboard (e)		M	LK471-xx	LK471-xx	LK471-xx
VMS / VT style keyboard (e)			LK461-xx	LK461-xx	LK461-xx
Power Cord (f)		M	BNxxx-xx	BNxxx-xx	BNxxx-xx
Note: LK471-AA and LK461-AA, English keyboards, include U.S. power cord, power cord does not need to be ordered separately.					
2. Memory			Minimum Required	Minimum Required	Minimum Required
Memory Required 1			32 MB	32 MB	16 MB
Optional Available 2 or 3	Select		1, 2 or 3	1, 2 or 3	1, 2 or 3
16 Mbyte	1 bank	M	MSP01-AB	MSP01-AB	MSP01-AB
32 Mbyte	1 bank	M	MSP01-AC	MSP01-AC	MSP01-AC
64 Mbyte	1 bank	M	MSP01-AD	MSP01-AD	MSP01-AD
128 Mbyte	1 bank	M	MSP01-AE	MSP01-AE	MSP01-AE
3. Hard drive	Select		1 or 2	1 or 2	1 or 2
1.05 Gbyte 5400 RPM	1" bay 1 SCSI	M	PBXRZ-ED	PBXRZ-ED	PBXRZ-ED
2.1 Gbyte 5400 RPM	1" bay 1 SCSI	M	PBXRZ-HB	PBXRZ-HB	PBXRZ-HB
4.3 Gbyte 7200 RPM	1.6" bay 1 SCSI	M	PBXRZ-NA	PBXRZ-NA	PBXRZ-NA
4. Graphics	Select		1	1	1
ZLXp-E1 8-plane (g)	1 PCI slot	M	PBXGA-AA	PBXGA-AA	PBXGA-AN
ZLXp-E2 24-plane (g)	1 PCI slot	M	PBXGA-BA	PBXGA-BA	PBXGA-BN
ZLXp-E3 24-plane Z-buffer (g)	1 PCI slot	M	PBXGA-CA	PBXGA-CA	PBXGA-CN
ZLXp-L1 24-plane	1 PCI slot	M	PBXGC-AA	PBXGC-AA	
ZLXp-L2 24-plane	2 PCI slots	M	PBXGC-BA	PBXGC-BA	
5. Color Monitors	Select		1	1	1
17" Color Monitor NH/SH (h)		O	VRT17-PA/P4	VRT17-PA/P4	VRT17-PA/P4
21" Color Monitor NH/SH (h)		O	VRC21-LA/P4	VRC21-LA/P4	VRC21-LA/P4
6. Software Media and Documentation Kits					
Digital UNIX		O	QA-MT4AA-H8		
OpenVMS		O		QA-MT1AP-H8	
7. Additional Options: Refer to AlphaStation Options for a comprehensive list of qualified options (a)					

- (a) Check availability of slots (initially 1 PCI, 1 PCI/ISA combo, ISA).
 (b) Six SIMM slots support three memory banks (3 SIMM pairs). Memory pairs can be mixed.
 (c) For more than 7 internal or external devices, a fast SCSI-2 controller, which supports 7 devices, is required.
 (d) Each external device requires a 3-foot SCSI-cable.
 (e) Select country-specific keyboard from AlphaStation Options section.
 (f) Select country-specific power cables from AlphaStation Options section.

- (g) Multi-screen graphics options for Digital UNIX and OpenVMS systems require DEC Open3D media which is included in factory installed software (FIS). Windows NT graphics options include ZLXp-E Support Services Software license, media and documentation.
 (h) Monitors include video cable and 120 V monitor power cord, order country specific power cord for 240V use from AlphaStation Options section.