

Vendor	General Automation	General Automation	General Automation
Model	Zebra 1750	Zebra 2500	Zebra 3500
Class	Desktop	Desktop	Floor standing
Users/Tasks	6/9	10/13	26/29
Main Unit			
Main Processor	Motorola MC 68000	Motorola MC 68000	Motorola MC 68000
Word Size (bits)	32/16	32/16	32/16
Clock Rate (MHz)	10	10	10
Other Processors	—	—	—
Memory			
RAM Min/Max (bytes)	128K/1M	256K/256K	256K/1M
RAM Increments (bytes)	128K, 512K	NA	768K
ROM (bytes)	8K	8K	8K
Diskette Storage			
No. of Drives	NA	NA	NA
Size (in.) & Format	NA	NA	NA
Capacity (bytes)	NA	NA	NA
Access Time (msec)	NA	NA	NA
Hard Disk Storage			
No. of Drives	1-3	1	1-4
Capacity (bytes)	20M, 40M (formatted)	64M (formatted)	64M (formatted)
Access Time (msec)	60	42	42
Other Storage	5MB removable disk or 45MB .25-in. cartridge tape	45MB .25-in. cartridge tape, .5-in. streaming tape	45MB .25-in. cartridge tape; .5-in. streaming tape (opt.)
Display			
Size and Type	12-in. or 14-in. CRT (opt.)	12-in. or 14-in. CRT (opt.)	12-in. or 14-in. CRT (opt.)
Text Display (lines x col)	25 x 80	25 x 80	25 x 80
Character Matrix (dots)	7 x 10	7 x 10	7 x 10
Resolution (pixels)	—	—	—
Screen Attributes	Blinking, blank, reverse video, reduced intensity	Blank, blinking, reverse video, reduced intensity	Blank, blinking, reverse video, reduced intensity
Colors (simul/palette)	Monochrome	Monochrome	Monochrome
Keyboard			
Keyboard Type	Detachable (opt.)	Detachable	Detachable
No. of Keys	84 or 107	84 or 107	84 or 107
Cursor Control	5-key cluster	5-key cluster	5-key cluster
No. of Function Keys	4-16	4-16	4-16
Numeric Pad	Integral	Integral	Integral
Input/Output			
Open I/O Slots	5	1	5
Serial Ports	6-12 RS-232C	10 RS-232C	10-26 RS-232C
Parallel Ports	1	—	—
Special Output Ports	—	—	—
Special Input Ports	—	—	—
Data Communications			
Asynchronous	Std (TTY)	Std (TTY)	Std (TTY)
Synchronous	Opt. (IBM 2780/3780)	Opt. (IBM 2780/3780)	Opt. (IBM 2780/3780)
Internal Modem	NA	NA	NA
Software			
Operating Systems	PICK	PICK	PICK
Bundled Applications	Spreadsheet, graphics, WP	Spreadsheet, graphics, WP	Spreadsheet, graphics, WP
Languages	BASIC, PROC	BASIC, PROC	BASIC, PROC
Physical and Electrical			
Size (L x W x H, in.)	17.5 x 16 x 5.5	23.25 x 17.75 x 7.25	24 x 22 x 30
Weight (lbs)	35	65	190
Power Supply	110/220 VAC, 50/60 Hz, 330 watts	110/240 VAC, 50/60 Hz, 550 watts	110/240 VAC, 50/60 Hz, 860 watts
Sales and Service			
Announced/Delivered	March 1984/September 1984	November 1982/April 1983	November 1982/April 1983
Sales Channels	Dealer	Dealer	Dealer
Service Channels	Sorbus, dealer	Sorbus, dealer	Sorbus, dealer
Pricing	\$9,950 (w/128KB RAM, 20MB disk drive, 5MB rem. disk drive)	\$19,900 (w/256KB RAM, 64MB disk drive, 1/4-in. streaming cartridge tape)	\$25,500 (w/256KB RAM, 64MB disk drive, 1/4-in. streaming tape, 10 serial ports)
Comments	NA	NA	NA

Notes:

NA Not applicable

— Information unavailable at press time

Vendor	General Automation	General Automation	General Robotics
Model	Zebra 5500	Zebra 6700	Gemini
Class	Floor standing	Floor standing	Desktop
Users/Tasks	50/53	64/Multi	32/—
Main Unit			
Main Processor	Motorola MC 68000	Motorola MC 68000	Digital Equipment LSI 11/73
Word Size (bits)	32/16	32/16	16/16
Clock Rate (MHz)	10	10	13–20
Other Processors	—	—	—
Memory			
RAM Min/Max (bytes)	1.25M/2M	1.25M/3.25M	256K/4M
RAM Increments (bytes)	—	1M	128K
ROM (bytes)	8K	—	—
Diskette Storage			
No. of Drives	NA	NA	2
Size (in.) & Format	NA	NA	5.25, 8 SSSD, DSSD, SSDD, DSDD
Capacity (bytes)	NA	NA	256K–1M
Access Time (msec)	NA	NA	—
Hard Disk Storage			
No. of Drives	1–4	1–4	2
Capacity (bytes)	146M (formatted)	292M	10M, 40M
Access Time (msec)	40	20	—
Other Storage	.5-in. streaming tape; .25-in. 45MB streaming cartridge tape (opt.)	.5-in. magnetic tape	20M, 40M tape cartridge
Display			
Size and Type	12-in. or 14-in. CRT (opt.)	Third party	Third party
Text Display (lines x col)	25 x 80	NA	NA
Character Matrix (dots)	7 x 10	NA	NA
Resolution (pixels)	—	NA	NA
Screen Attributes	Blinking, blank, reverse video, reduced intensity	NA	NA
Colors (simul/palette)	Monochrome	NA	NA
Keyboard			
Keyboard Type	Detachable	Third party	Third party
No. of Keys	84 or 107	NA	NA
Cursor Control	5-key cluster	NA	NA
No. of Function Keys	4–16	NA	NA
Numeric Pad	Integral	NA	NA
Input/Output			
Open I/O Slots	7	21	13
Serial Ports	10–50 RS-232C	16–64	1–16
Parallel Ports	—	—	2
Special Output Ports	—	—	—
Special Input Ports	—	—	—
Data Communications			
Asynchronous	Std (TTY)	Std	Std (TTY)
Synchronous	Opt. (IBM 2780/3780)	Opt.	—
Internal Modem	NA	NA	—
Software			
Operating Systems	PICK	PICK	RSTS/E, RT-11, RSX11-M; TSX, UNIX, CP/M (opt.)
Bundled Applications	Spreadsheet, graphics, WP	Spreadsheet, graphics, WP	—
Languages	BASIC, PROC	BASIC	COBOL, FORTRAN, C, BASIC, Pascal, PL/1
Physical and Electrical			
Size (L x W x H, in.)	24 x 22 x 42	—	10.5 x 17 x 22
Weight (lbs)	320	—	80
Power Supply	100/240 VAC, 50/60 Hz, 860 watts	—	104–127/217–253 VAC, 47–63 Hz
Sales and Service			
Announced/Delivered	November 1982/April 1983	March 1985/May 1985	1976
Sales Channels	Dealer	Dealer	Direct, distributor
Service Channels	Dealer, Sorbus, factory-trained service	Sorbus, dealer	Vendor, 3rd party
Pricing	\$53,500 (1.25MB RAM, 146MB disk drive, 1/2-in. streaming tape, 10 serial ports)	\$86,500–\$99,500 (w/1.25MB RAM, 16 serial ports)	\$13,000–\$16,000
Comments	NA	NA	NA

Notes:

NA Not applicable

— Information unavailable at press time

