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4707 Monochrome Monitor - Technical Specifications

Applicable to: **World-Wide**

This section contains feature and technical specification information for the IBM 4707 models 001 and E01 Monochrome Monitors. They are identical except for maximum resolution, EPA Energy Star certification, and ISO 9241/3 approval. Therefore both models will be described by this one document. Differences will be indicated by model number in parentheses.

Operating Specifications:	Video Controllers supported	XGA XGA-2 Image Adapter/A (IA/A) 8514/A VGA SVGA
	Maximum resolution/gray-shades	640x480x16 (Using a VGA, 8514/A, XGA, XGA-2, or Image Adapter/A Adapter) 640x480x256 (Using an XGA, XGA-2, 8514/A, or Image Adapter/A Adapter with 1MB of memory) 800x600x256 (E01) 720x400/16 (text mode)
	Other resolutions	All EGA All MCGA All CGA
	Horizontal Scan Frequency	31.5 KHz - 720x400 (text mode) and lower 31.5 KHz - 640x480 (graphics mode) and lower 31.5 KHz - 800x600 (graphics mode) and lower (E01)
	Refresh Rate (Vertical Scan)	70 Hz - 720x400 - Non-Interlaced 70 Hz - 720x350 - Non-Interlaced 60 Hz - 640x480 and lower Non-Interlaced 60 Hz - 800x600 and lower Non-Interlaced (E01)
	Aspect Ratio	4:03
	Pels per Inch	??
	Phosphor	Long Persistence, Paper White
Physical Specifications:	Screen Orientation	Landscape
	Screen Size (Diagonal)	9" (228mm) Bezel-to-Bezel

	Viewing Area (Diagonal)	8.5"
	(HxV)	6.9" x 4.92 (175mm x 125mm)
	Flatter, Squarer Tube (FST)	No
	Screen Curvature	???mm
	Display Stand Included	Yes
	Tilt/Swivel	Yes
	Degree of Tilt	-5° to +15°
	Degree of Swivel	90°
	Footprint (of Tilt/Swivel stand) (WxD)	9.6" x 10.5" (???mm x ???mm)
	Height (Includes Tilt/Swivel Stand)	9.3" (???mm)
	Weight	11.0 lb (5.0 kg)
	Anti-glare Treatment	Etched
	Controls	On/Off Contrast Brightness
	Position	Side-mounted
	Signal Cable Length	6 ft (1.8 m)
	Power Cable Length	6 ft (1.8 m) or 9.8 ft (3.0m)
Environmental Specifications:	Operating Temperature Range	50-104° F (10-40° C)
	Operating Humidity Range	8-80%
	Maximum Operating Altitude	???
	Heat Output (BTUs/hr)	???
	Noise Level Classification	1, (No fan or other noise source)
Power Supply:	World-wide (110/60, 220/50)	No, 100-125, 50/60 only
	Auto-Sensing/Switching	No
	Amperage at: 90-137 VAC	?.?
	180-264 VAC	N/A

	Energy-Efficient Circuitry	No
	Typical Power Consumption	<30W
	VESA Power-Saving Modes	No
Miscellaneous:	DHHS Approval (USA)	Yes
	EPA Energy Star Certified (USA)	Yes (E01)
	FCC Classification (USA)	B
	ISO Approval	9241, part 3 (E01)
	UL Approval (USA)	1950 First Edition
	Meets Scandinavian Emissions Req's	Yes (E01)
	Very Low Magnetic Frequencies (VLF)	MPR II 1990:10 (E01)
	Extremely Low Magnetic Freq's (ELF)	MPR II 1990:10 (E01)
	Electrostatic Field Suppression (ESF)	MPR II 1990:10 (E01)

Search Keywords

Document Category **Technical Specifications**Date Created **05-08-98**Last Updated **28-01-99**Revision Date **20-01-2000**Brand **IBM Monitors**Product Family **Industrial**Machine Type **4707**Model **001; E01**

TypeModel

Retain Tip (if applicable)

Reverse Doclinks
and Admin Purposes

640x480x16 VGA=?

640x480x256 VGA-768

800x600x256 VGA=771