

TECHNICAL SPECIFICATIONS**CRT**

Size and deflection	14 inch/36 cm, 90°
Dot pitch	0.28 mm
Tube type	Dark glass Black Matrix 57% light transmission Silica/antiglare
Phosphor	P22 (medium-short persistence)
Recommended display area	250 x 188 mm
Maximum display area	275 x 200 mm
Convergence	0.2/0.3/0.4 mm max. deviation
Geometric distortion	3.0 mm max.
White colour temperature and chromaticity at 9300 K	x = 0.281 ± 0.015 y = 0.311 ± 0.015

SCANNING

Horiz. scanning frequency	31.5/35.2/35.5 kHz
Vert. scanning frequency	50 - 87 Hz
Retrace time	4.3 µs

VIDEO

15-pin D-shell connector	RGB analog
Video dot rate	45 MHz

RESOLUTION MODES

Resolution mode	H. freq. (kHz)	V. freq. (Hz)	Sync polarities	
			H	V
640 x 350	31.5	70	+	-
640 x 400	31.5	70	-	+
640 x 480	31.5	60	-	-
800 x 600	35.2	56	±	±
1024 x 768 i	35.5	87	±	±

POWER MANAGEMENT

Complies with EPA Energy Star specifications	
Mode	Power saving
Standard Operation	Rated power
Low Power (screen blanking)	-10%
Lowest Power	< 20 W
Power management status indication by power LED	

LOW-EMISSION CHARACTERISTICS

Complies with MFR-II specifications (non-low-emission version 7CM5209 optional)	
Electrostatic potential	< 500 V
Alternating electric field	
5 Hz - 2 kHz	< 25 V/m
2 kHz - 400 kHz	< 2.5 V/m
Magnetic field	
5 Hz - 2 kHz	< 250 nT
2 kHz - 400 kHz	< 25 nT
Measuring distance	30 cm around monitor

CONTROLS AND CONNECTIONS**Front**

- Power on/off (with LED indication)
- Horizontal size
- Horizontal shift
- Vertical size
- Vertical shift
- Brightness (centre detent)
- Contrast

Rear

- Presets for non-VGA mode only:
 - Horizontal size
 - Horizontal shift
 - Vertical size
 - Vertical shift
- Fixed interface cable with 15-pin D-shell connector
- Detachable mains cord

PHYSICAL SPECIFICATIONS

Dimensions (W x D x H)	336 x 385 x 376 mm (incl. pedestal)
Weight	11 kg
Power supply	230 VAC ± 15% 48 - 62 Hz
Power consumption	80 W max.
Operating temperature	+0°C to +40°C
Storage temperature	-25°C to +70°C
Relative humidity	20% to 80%
Air pressure	700 mbar to 1100 mbar

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