

CM828ET Technical Specifications

CRT CHARACTERISTICS

CRT Size	21" (533mm)
Viewable Image Size	20" (508mm)
Viewable Image Area	406 x 305mm
Horizontal Dot Pitch	0.21mm - Vertical Dot Pitch = 0.13mm
Deflection	90°
Tube	Super High Contrast (SHC), black matrix invar shadow mask. Elliptical Aperture Electron Gun Multistep Dynamic Focusing (EA-MDF). Anti-reflective with anti-electrostatic charge (AS) coating, rectangular deflection yoke.

SCANNING FREQUENCY

Horizontal	31 ~ 115kHz
Vertical	50 ~ 160Hz

RESOLUTION

Range	640 x 480 ~ 1600 x 1200 @ 90Hz ~ 1920 x 1440 @ 75Hz
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VIDEO PIXEL FREQUENCY

Rate	243MHz
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CONTROLS

User	Easy menu (on-screen display), contrast, brightness, colour temperature selection, colour menu (RGB adjust), rotation, H-position/H-size, V-position/V-size, pincushion, balanced pincushion, trapezoid, parallelogram, H/V moire adjust, top/bottom corner distortion, H/V Focus, H/V convergence, V. linearity, V. linearity balance, Hemisphere, Languages, DMS, Zoom, Degauss, Recall.
Presets	41 (32 user, 9 factory)

INPUTS

Signals	Video: Analogue 0.7Vp-p, 75 ohm Sync: H/V composite or separate TTL
Cable/Connectors	Dual - 15-pin Dsub

PHYSICAL SPECIFICATIONS

Dimensions (W x H x D)	488 x 482 x 470mm
Weight	27kg
Input Voltage	AC 100 ~ 120 VAC, 50/60Hz AC 200 ~ 240 VAC, 50/60Hz
Power Consumption	Typical 115W (135W max), <15W (stand-by, typ. 7W), <3W (power save)
Power Management	Energy Star, VESA DPMS

APPROVAL

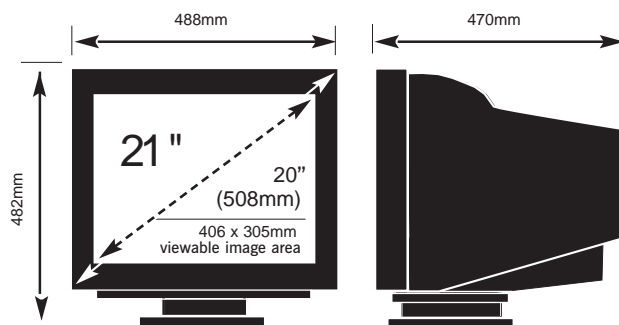
Safety	CE approval, EN60950, UL 1950, C-UL, NEMKO
Electrical	EN61000-3-2, EN61000-3-3, EN55024, EN55022 class B, FCC class B, EN60950
Other	TCO99, TÜV Ergo certified, TÜV Rheinland, ISO 9241-3, ZH1-618, DHHS, RoV

OPERATING AND STORAGE CONDITIONS

Ambient Temperature	Operating: 5°C ~ 40°C Non-Operating: -20°C ~ 60°C
Relative Humidity	Operating: 10% ~ 80% RH without condensation Non-Operating: 10% ~ 90% RH without cond.

ADDITIONAL ITEMS

Software	E-Color, Optional Linotype Viewopen
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0.20mm horizontal mask pitch

This means higher resolution and clear, sharp text even at very small sizes.

Advanced Hitachi CRT Technology

This monitor incorporates new technology to provide super high contrast, uniform light output, 'pure colour' and low power consumption.

Plug and Play compatibility

Automatically gives you the optimum set up parameters with the latest operating system.

Flicker Free to 1600 x 1280 resolution

Ideal for DTP, database and serious spreadsheet work.

Ergonomics and ecological standards - MPRII and TCO'99

This monitor complies with the most stringent safety and ecological standards. This ensures that emissions are minimised, that the manufacturing process minimises waste and recyclability is designed in.

Easy Menu on-screen set up

Comprehensive image adjustments are easy with clear on-screen menus to eliminate guesswork.

Power saving

DPMS compliant power saving reduces the cost of ownership and is eco-friendly. Hitachi's new rectangular deflection yoke minimises power consumption (115W Typ.).

Pan-European 3 year on-site replacement warranty

We are so confident of the reliability of our monitors that all are offered with a 3 year warranty. Five year warranty option: order Hitachi EXTWAR with your monitor for a further 2 years return to base warranty.

Macintosh and Workstation support

Adaptators are available for Apple Macintosh, Sun and other workstations.

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