LCD Products

The new G2 Series from Core Systems

The G2 Series LCD by Core Systems is an industry elading 19" rackmount LCD display in a 1U form factor. The third generation of our clamshell display features zero pixel defects out of the box, an integrated kill switch for all onboard electronics, a reinforced quick release cable retention arm and integrated touchpad or trackball pointing device in both PS/2 or USB inputs. The G2 Series LCD is the shortest and lightest combination DVI and VGA input 1U clamshell display in the industry. Core Systems rackmount display solutions are deployed around the world.

www.coresystemsusa.com

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FEATURES

- Uses only 1RU (1.75")
- Clamshell Design
- Low Profile Keyboard
- LG 19" TFT LCD
- 1280 x 1024 Max Resolution
- 16.7 Million Display Colors
- Integrated DVI and VGA inputs
- Integrated Power Kill Switch
- Dual Thumb Screw Locks

Touchpad keyboard

KVM Option

Trackball keyboard

SPECIFICATION

DIMENSIONS	19"W x 1.75"H x 18"D
DISPLAY	Size: 19" Diagonal Resolution: SXGA Number of Pixels: 1,280 x 1,024 Active Area(mm): 376.32 x 301.056 Pixel Pitch(mm): 0.098 x 0.294 Mode: B-TN Number of Colors: 16.7M Contrast Ratio(typ): 500:1 Brightness(cd/m2): 250 Response Time(ms at 250)C: <12.5 typ Viewing Angle(U/D/L/R): 70/70/70/70 CCFT: 4 (2 dual) Connector: Standard D-sub 15-pin VGA or DVI Power Management: EPA Energy Star, VESA DPMS
TEMP/VIBRATION STANDARDS	Op Tmp: MIL-STD-810F Method 501.5 Pro I/II +10°C to +55°C Stor Tmp: MIL-STD-810F Method 501.5 Pro I/II -20°C to 85°C Humidity: MIL-STD-810F Method 507.4 Pro 48hr, 95% RH 40°-65°C Altitude: MIL-STD-80F, Method 500.4 12,500ft Operation, 40,000ft transport Vibration: MIL-STD-810F Method 514.4 Pro I 3GRMS, 5-500Hz, 75 min/axis w/isolators MIL-S-901D, Grade A & B, Class 2, Type B
ON SCREEN DISPLAY (OSD)	Contrast/Brightness Autosetting Clock/Phase Horizontal/Vertical Position/Expansion/OSD Text/Graph Mode Selection Color Temperature Recall
KEYBOARD	Low profile with PS/2 or USB connection Standard keyboard option Sealed keyboard option Illuminated backlit keyboard option 134,000 MTBF Power: +5V DC @100 mA max Synchronous 8-bit data
POINTING DEVICE	Integrated in keyboard Variable Resolution 20-6400 DPI Tracking Speed 500mm/sec Two additional button mouse keys
INTEGRATED KVM	4, 8, or 16 port option PS/2 or USB inputs OSD hot-key functions
POWER INPUT/DRAW	90-240V, 50-60Hz 35W (max), 28W (typ), <5W (off mode)
AGENCY APPROVALS	CE/ FCC

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