

# SDM-N80

Multiscan® Computer Display

# SONY



**Ultra-Slim LCD panel  
utilizing Sony's unique  
media engine technology  
combined with digital and  
analog inputs. This  
advanced display provides  
superior images with  
outstanding onscreen  
colors all in a sleek, space-  
saving design.**

- *18.1" Flat Panel - TFT LCD technology is combined with anti-glare coating for high contrast images.*
- *Gigabit Video Interface (GVIF™) - Reduces desktop clutter by using only one cable to carry the audio, video, USB and power between the display and the media engine, which can be tucked away out of sight.*
- *Advanced Digital FlexRes™ technology - Delivers a crisp, clear, full-screen image for resolutions up to 1600 x 1200.*
- *Stereo speakers - Built unobtrusively into the flat bezel to deliver exceptional audio.*
- *Dual inputs - 1 analog input (HD15) and combination analog/digital input (DVI-I) provides flexibility for computer system connections.*
- *Zero Footprint™ design - Removable tilt base adjusts to any angle or can be removed to provide arm or wall mounting.*



## **N-Series LCD**

**The definition of definition™**

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## Stereo Speakers



- Multi-media applications
- Internet Content

## Dual Inputs



- Multiple PC usage support
- 1 analog (HD15),
- 1 digital/analog (DVI-I)

## Zero Footprint Design



- Adjustable and removable tilt base
- Arm or wall mounting

**Model** SDM-N80

**Color** Metallic Blue and Titanium

### Viewable Image Size

Diagonal 18.1"  
Horizontal 14.1"  
Vertical 11.3"

### LCD Panel

LCD Type a-Si TFT Active Matrix  
Native Resolution 1280 x 1024  
Color Filters RGB Vertical Stripes  
Pixel Pitch 0.2805 mm  
Screen Treatment Anti-Glare/Hard Coating  
Colors 16.77 Million

**Native Resolution** 1280 x 1024

**Maximum Resolution** 1600 x 1200

**Luminance** 200 cd/m<sup>2</sup>

**Contrast Ratio** 350:1

### Viewing Angle

Horizontal 140  
Vertical 125

### Scan Range

Horizontal 28kHz - 107kHz  
Vertical 48Hz - 85Hz

### Preset Timings

Factory 41  
User Adj 6

### Response Time

Rise Time 10 ms  
Fall Time 35 ms

### Color Temperature Presets

5000, 6500, 9300 (default) Kelvin

### Video Signal Inputs

Digital Follows the DVI standard (rev. 1.0)

#### Analog

Video Input Analog RGB 0.7 Vp-p ± 5%,  
Positive, 75 ohms (typ)  
Sync Input Separate HD/VD TTL, Polarity Free  
Polarity free, Ext. Composite  
Sync on Grn 0.3 Vp-p ± 10%, Negative

### Input Connectors

D-sub HD15  
DVI-I (accepts both digital and analog signals)

### Audio Inputs / Outputs

Input Connector Stereo Minijack  
Headphone Connector Stereo Minijack  
Audio Input 0.5V RMS  
Impedance 47k ohms  
Headphone Output 2mW x 2mW  
Speaker Output 1W x 1W

### Display Dimensions (HxWxD)

15.7" x 17.0" x 7.7" (LCD Display)  
8.3" x 3.7" x 8.0" (Media Engine)

### Display Weight

14.3 lbs. (Display)  
3.3 lbs. (Media Engine)

### Power Requirements

100-240VAC, 50/60Hz

### Power Management:

Normal Operation 67 W max.  
Low Power Mode 8.5 W  
Active Off 1.3 W max.  
Display Off 1.0 W max.

### Regulation and Standard Compliance

Safety Regulations: UL1950, CSA C22.2 No.950  
EN60950, S-Mark

Hong Kong, TUV IEC950

Human Factor: ZH1/618, ISO 9241-3

CE mark: CISPR22 Class B

EN55082.1

EN61000-3-2

EMI FCC Class B

VCCI Class B

IC Class B

ELF/WLF MPR-II (TUV Ergonomic Mark)

TCO 99

JEIDA

Power Management International Energy Star

NUTEK Spec 803299

Designed for PC99, Windows® 95,98,2000

Macintosh® Compatible

Plug and Play DDC-2B

**Tilt Range** 0° to +59°

**Swivel Range** 0 to ± 60°

### Front Panel User Controls

Power Switch, Menu Button

Brightness, Contrast Button

Volume

Input Select

### On Screen Display Controls

Phase, Pitch, Image Center

Color Temperature, Backlight Control

Option (OSD Position)

Power Saving Delay

Multi-Language (Eng., Fre., Spa., Ital., Ger., Jap.)

Menu Lock, Volume, Reset

USB Select, Audio Select

Light Sensor, User Sensor

Zoom

### Operating Conditions

Temperature: 41° to 95° F (5° to 35° C)

Relative Humidity: 10% to 80% (Non-Condensing)

### Storage Conditions

Temperature: -4° to 140°F (-20° to 60°C)

Relative Humidity: 5% to 95% (Non-Condensing)

### Supplied Accessories

AC Power Cord

User's Manual (Eng., Fre., Spa., Ital., Ger.)

Windows® Monitor Information Disk/Utility Disk

Macintosh® Utility Disk, MAC Adapter

GVIF System Connector Cable

HD15 ~ DVI-I Video Signal Cable

USB Cable, Audio Cable

Warranty Card

### Limited Warranty

Parts and Labor: 3 years

### Optional Accessories

DVI-D ~ DVI-D Video Signal Cable



# SONY

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Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This display is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of non-Sony products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance.

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This monitor is Energy Star Compliant when used with a computer equipped with VESA Display Power Management Signaling (DPMS). As an International Energy Star Partner, Sony Corporation has determined that this product meets the International Energy Star Program for energy efficiency. The Energy Star emblem does not represent EPA endorsement of any product or service. Screen images are simulated.