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## HP Monochrome VGA Display D2801A/B

### Info Sheet

#### Features

- \* 14-inch Display
- \* VGA resolutions
- \* Front panel controls for brightness and contrast
- \* Meets EPA energy star requirements if used together with an HP PC that supports Display Power Management
- \* Integrated tilt/swivel base

The HP Monochrome VGA Display D2801A/B is a 14-inch monochrome VGA Display with an integrated tilt/swivel base. It is the perfect entry-level display for server use, or for desktop use with text and other applications that do not require color.

#### Reducing power consumption

Along with HP Vectra PCs, the HP Monochrome VGA display will be able to reduce its power consumption. Depending on the PC solution, the display will reduce its power consumption after simply defining an automatic display power saving mode in the PC's set-up menu.

A quick recovery of the screen back to the normal functioning mode is established as soon as the user reactivates mouse or keyboard.

#### HP Trouble Free Computing

The HP Monochrome VGA Display continues Hewlett-Packard's tradition of providing trouble free computing environments. The HP quality and reliability make that you can depend on every part of your computing solution. All HP products are submitted to unrealistically extreme test conditions in order to identify and systematically eliminate the cause of any possible failure.

Purchased with an HP PC system, the display comes with the same warranty as the system. In most case this will mean that you will get a full three years warranty on your display as well!!

Cost competitive service contracts are available beyond the standard warranty period.

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## **Technical Information**

### **CRT size**

- \* 14-inch, 11.5 inch viewable

### **CRT type**

- \* Anti-glare coating; dark tinted glass

### **Active area**

- \* Standard : 233 mm (9.2 in) x 175 mm (6.9 in) (+/- 5mm)

### **Scan Frequency**

- \* Horizontal frequency : 31.5 kHz
- \* Vertical : 60 & 70Hz

### **Video Bandwidth**

- \* 30 Mhz (-3dB)

### **Maximum Non-Interlaced resolution:**

- \* 640x480 at 60Hz

### **Video Input Signal**

- \* 0.0 to 0.7 volts P-P
- \* Separate vertical and horizontal sync (standard cable)

### **Input Terminal**

- \* 15-pin D-sub male connector

### **User controls**

- \* Brightness, contrast

### **AC Power Requirements**

- \* 100-127V 50-60 Hz for the D2801A
- 220-240V; 50-60Hz for the 2801B

### **Typical power consumption**

- \* 40W maximum, 25W (typical) in Power Saving (Suspend) mode depending on the PC's Display Power Management System

## **Technical specifications**

### **Display Linearity**

- \* Less than 7% non-linearity

### **Display geometry**

- \* less than 3.5mm distortion for upper and lower edges;
- \* less than 3.0mm distortion for left and right edges;

### **Tilt/swivel angles**

- \* -3 to +13 degrees vertical
- \* +/- 60 degrees horizontal

### **Environmental Conditions**

#### **Altitude**

- operating : 0 - 10,000 ft
- non-operating : 0 - 40,000 ft

#### **Humidity**

- \* Operating : 5 to 80% relative humidity (non-condensing)
- \* Non-operating : 90% relative humidity (non-condensing)

#### **Temperature**

- \* Operating : 0C through +40C
- \* Storage : -40C through +60C

### **Physical specifications**

- \* Height: 346 mm (13.62 in)
- \* Width: 333 mm (13.11 in)
- \* Depth: 340 mm(13.39 in)
- \* Weight: 8 kg (19.6 lbs net)



### **Product certifications**

#### **D2801A**

IEC950, UL Listed, CSA Certified, DHHS21, NOM,  
FCC Class B, VCCI Class II,

#### **D2801B**

EN60950, TUV GS Mark, German PTB X-ray approval  
EN55022 Class B; ZH1/618, Mark CE

### **Ordering Information**

- \* D2801A: HP Monochrome VGA 14" Display  
to be ordered with country power cord (no charge):

#### **Power Cord Options:**

ABA U.S. power cord  
ABJ Japanese power cord

- \* D2801B: HP Monochrome VGA 14" Display  
to be ordered with country power cord (no charge):

#### **Localization Options:**

ABB European power cord  
ABG Australian power cord  
ABQ Swiss power cord  
ABR South African power cord

**HP Computer Museum**  
**[www.hpmuseum.net](http://www.hpmuseum.net)**

**For research and education purposes only.**

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ABU United Kingdom power cord  
ABY Danish power cord  
AB2 Chinese power Cord  
AB4 Singapore-Malaysia version  
AR6 Thailand-Indonesian version

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