



# DisplayPort to VGA Converter

**DisplayPort Male / HD-15 Female**

**Model**  
308250

**Easily connect a DisplayPort source with a VGA display.**

The MANHATTAN® DisplayPort to VGA Converter helps establish a fast, simple and convenient link between newer DisplayPort-equipped desktop and notebook computers and other media sources with existing VGA monitors. Easy and quick to install — requiring no complicated configuration or setup — the converter helps extend the service life and fully realize the investment and value of legacy VGA displays, projectors and other equipment. This low-power, cost-effective and reliable solution allows PC users to transition to DisplayPort bandwidths, resolutions, Deep Color and more without the expense of upgrading to newer and costly monitors and projectors. Its integrated, all-in-one design helps achieve a compact, integrated solution that eliminates unnecessary cables, tangles and clutter to keep installations and workspaces neat and orderly.

### **Lifetime Warranty**

Strict manufacturing standards ensure the highest quality in all MANHATTAN products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.





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## Features

- Easily connects DisplayPort-equipped computers with VGA monitors, projectors and more
- Delivers a high-quality digital video signal – ideal for extending service of legacy VGA equipment
- Supports Deep Color, high-bandwidth 10.8 Gbps applications and resolutions up to 1080p on 1920 x 1200 (WUXGA) displays
- Integrated design simplifies connections and eliminates cable tangles and clutter
- Plug and Play – Windows and Mac compatible
- Lifetime Warranty

## Specifications

### STANDARDS/CERTIFICATIONS

- UL
- FCC
- CE
- DisplayPort 1.1

### CONTACTS

- (1) DisplayPort 20-pin male
- (1) HD 15-pin female
- Nickel plated

### GENERAL

- Power supply: +3.3 V (from DisplayPort source)
- Measured power: Active, 1.4 W; standby, 100 mW
- Automatic sink detection (based on DDC return) and standby mode
- EDID pre-fetch (VGA EDID conversion)

### SIGNAL INPUT/OUTPUT

- Single link range, 1920 x 1200, 1080p (maximum)
- Supports VGA video, 1920 x 1200 (maximum)
- Analog video output (RGB): 700 mV swing
- Display resolution up to 1920 x 1200 (WUXGA-R), 60 Hz, 8 bpc; 154 MHz
- Supports up to 10.8 Gbps bandwidth

- Deep Color support, 8-bit and 10-bit
- Auxiliary channel support, 1 Mbps
- 1 lane, 1 direction, 4-line connection support
- Video amplifier bandwidth, 8 bpc / 10 bpc

### OPERATING FREQUENCY

- Frequency, 154 MHz / 144 MHz
- Vertical range, 60 Hz

### ENVIRONMENTAL

- Temperatures:
  - Operating: 0 – 70°C
  - Storage: -10 – 80°C
- Humidity
  - Operating: 10 – 85% RH (no condensation)
  - Storage: 5 – 90% RH (no condensation)

### PHYSICAL

- Plastic housing
- Length: 116 x 39 x 20.5 mm (4.5 x 1.5 x 0.8 in.)
- Weight: 40 g (1.4 oz.)

### PACKAGE CONTENTS

- DisplayPort to VGA Converter
- Quick install guide



For more information on MANHATTAN products, consult your local dealer or visit [www.manhattan-products.com](http://www.manhattan-products.com).



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