



Diamond AMD Radeon RX 580 Graphic Card Specification Sheet

Product Information

Series:	RX
GPU:	580
Product Description:	Diamond AMD RX 580 PCIE GDDR5 8GB Memory Video Card
Model:	RX580D58G
PN Number:	RX580D58G
UPC Number:	757448025361
Case Quantity:	TBA
Case Dimensions:	TBA
Master Case WT:	TBA
Board size:	10.5(L) x 4.4(H) x 1.7(W) inches
Box Dimensions	12.5 (L) x 6.5(H) x 4.25(W)
Product weight:	1.80 lbs.
Product weight with content:	2.3 lbs.
Warranty:	1 Year
Target Audience:	Enthusiast/Gamers

Specifications and Features

- **Bus Type:** PCI Express 3.0 x16
- **Memory:** 8GB GDDR5
- **Base Clock:** 1340 MHz
- **Boost Clock (DPM7)** 1340 MHz
- **Memory Clock:** 2000 MHz (8.4 GBPs) Memory
- **CrossFire:** Yes up to 4GPU's, No Interconnect Bridge required
- **Direct X Support:** 12
- **Open GL support:** 4.5
- **GCN Architecture** Yes (4th Gen)
- **PCI Express** 3.0

- **Cooler:** Dual slot fansink
- **Stream Processors:** 2304
- **Max Power Delivery:** 170W
- **Target Operating Temp:** 80 Degrees Celsius
- **4K resolution** Yes
- **DisplayPort 1.4 HBR Ready:** Yes, 3 standard
1920x1080@240Hz, 2560x1440@192Hz,
3840x2160@96Hz
- **HDMI 2.0b**® Yes, 1
1920x1080@192Hz, 2560x1440@96Hz,
3840x2160@60Hz
- **Premium VR Experiences**
- **Gamer Optimized**
- **FinFet 14 Technology**
- **Vulcan Support**
- **Virtual Super Resolution support (VSR)**
- **AMD Liquid VR**
- **AMD Freesync**
- **DirectX 12 Optimized**

Package Contents

- Diamond AMD RX 580 8G graphics card
- Quick Installation Guide
- Installation CD

System Requirements

- PCI Express® based PC is required with one X16 lane graphics slot available on the motherboard
- 500W (or greater) power supply with one 75W 6-pin PCI Express power connectors recommended
- The operation of AMD CrossFire™ technology in dual mode requires a second AMD Radeon™ RX 580
- Minimum 4GB of system memory
 - 8GB (or more) system memory recommended for AMD CrossFire™ technology
- Installation software requires CD-ROM drive
- DVD playback requires DVD drive
- A Display with digital input HDMI or Standard Display Port is required
- Blu-ray™ playback requires Blu-ray drive
- Windows® 7, Windows 8.1 or Windows 10 operating system. 64-bit operating system highly recommended.