

## AMD-8151™ HyperTransport™ AGP3.0 Graphics Tunnel

AMD introduces the AMD-8151™ HyperTransport™ AGP3.0 graphics tunnel enabling stunning graphics performance onto platforms implementing HyperTransport technology. The AMD-8151 is an AGP3.0-compliant graphics controller offering performance modes up to AGP-8X. The tunnel function provides connection capability to other downstream HyperTransport technology devices, allowing greater system flexibility.

As shown in Figure 1, the front-end HyperTransport interface (Side A) provides a configurable 16-bit wide communication path to the host, offering up to 6.4GB/s of bandwidth. Similarly, the back-end HyperTransport interface (Side B) provides a configurable 8-bit wide communication path to a downstream device, offering up to 1.6GB/s of bandwidth.

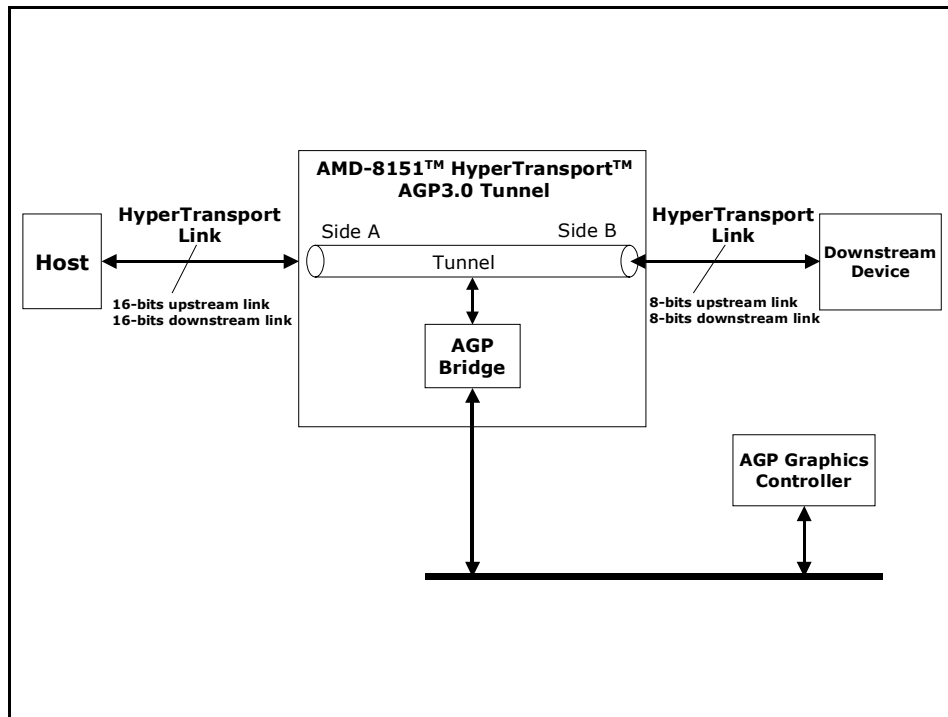


Figure 1: AMD-8151™ HyperTransport™ AGP3.0 graphics tunnel

### Features

Component features are as follows:

- 16-bit HyperTransport interface (Side A) offering a maximum bandwidth of up to 6.4GB/s
- 8-bit HyperTransport interface (Side B) offering a maximum bandwidth of up to 1.6GB/s
- Compliant with AGP 3.0 specification signaling, supporting 4X and 8X transfer modes
- Compliant with AGP 2.0 specification signaling, supporting 1X, 2X, and 4X transfer modes
- 564-pin OBGA package

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