Bifrost Core Design

Execution Engine 0
- Quad State

Execution Engine 1
- Quad State

Execution Engine 2
- Quad State

Quad Manager

Quad Control

Control Fabric

Load/store Unit
- To L2 Mem Sys

Attribute Unit

Varying Unit

Texture Unit
- To L2 Mem Sys

Compute Frontend

Fragment Frontend

Quad Creator

Quad Creator

ZS Memory

Tile Memory
- Tile Writeback
- To L2 Mem Sys

Blender & Tile Access

Depth & Stencil
- To L2 Mem Sys