



Pázmány Péter Catholic University

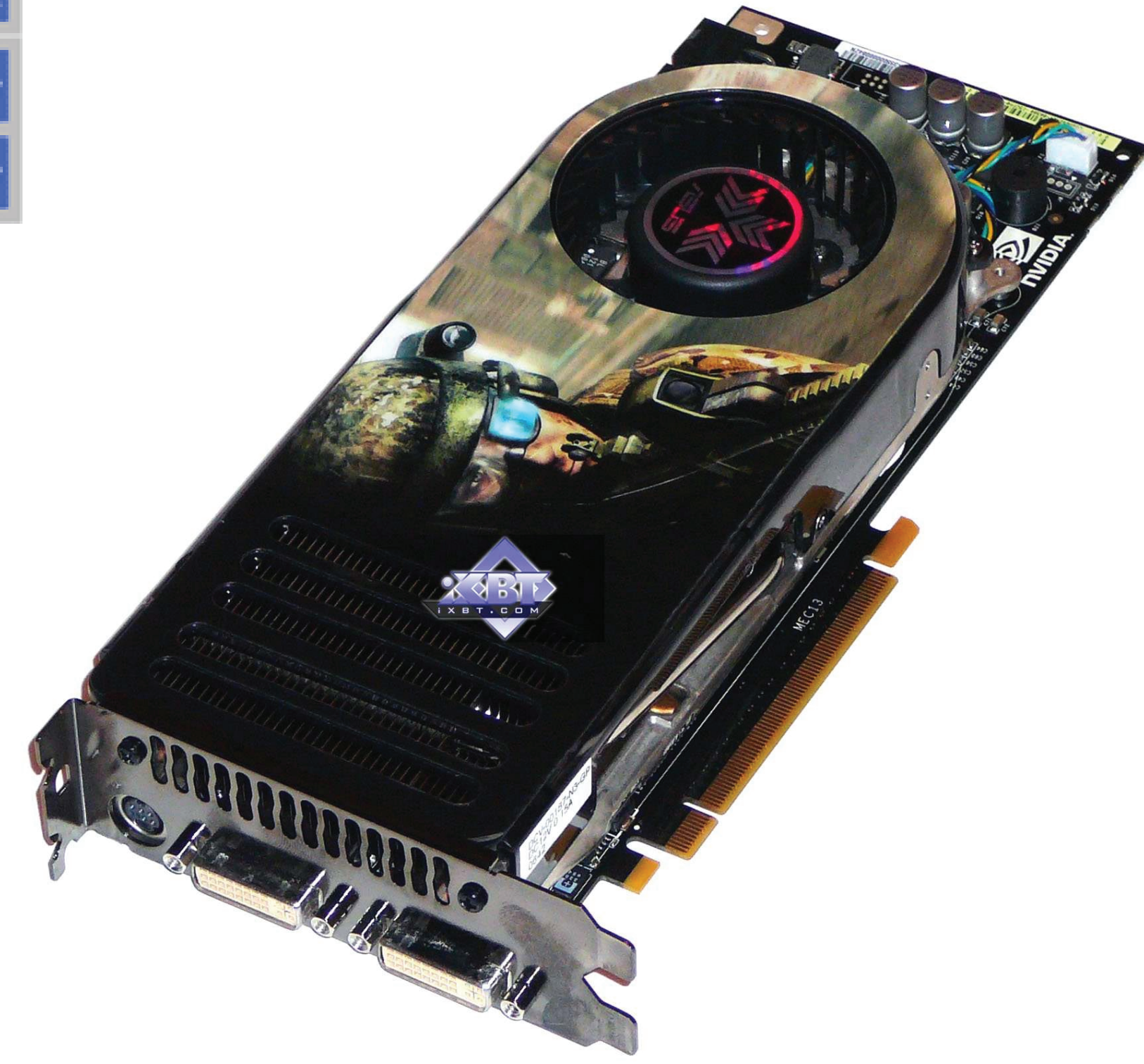
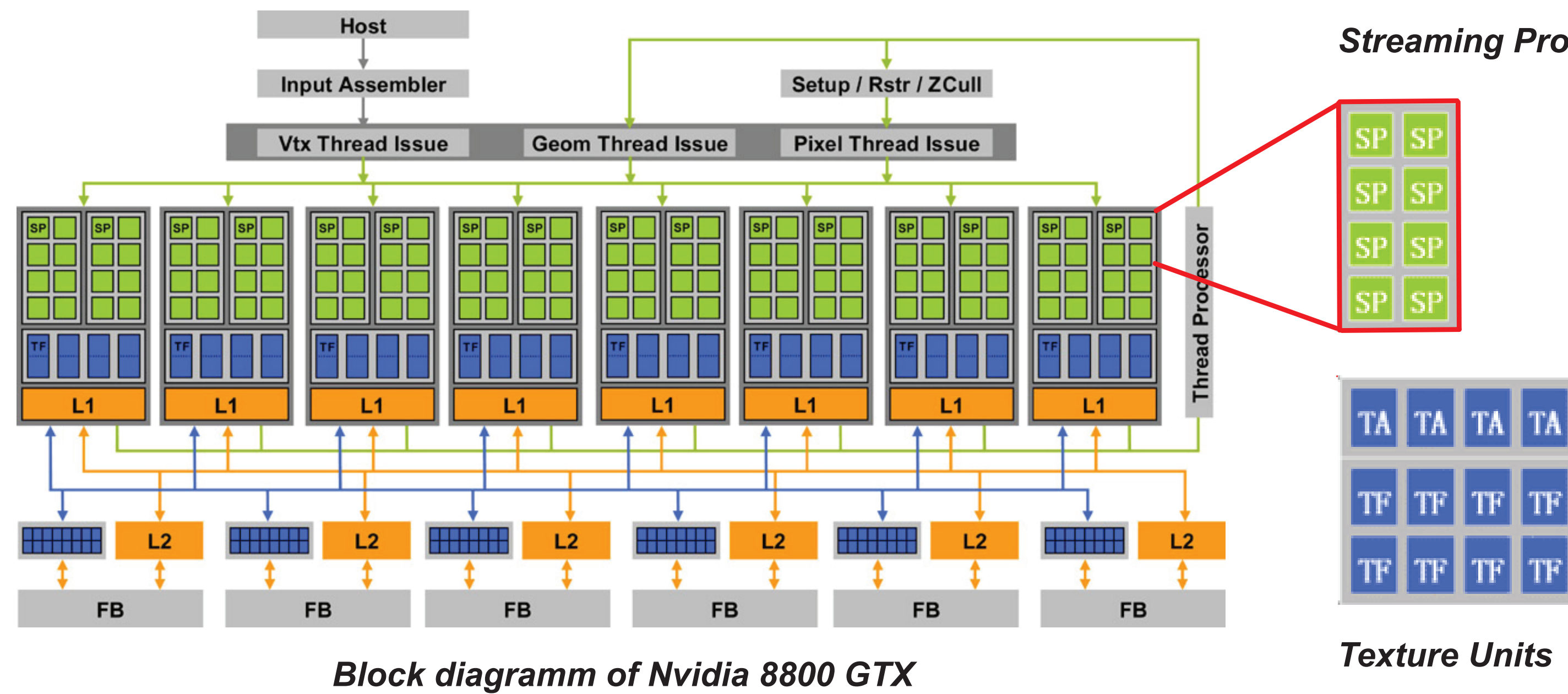
Array and multi-processor architectures



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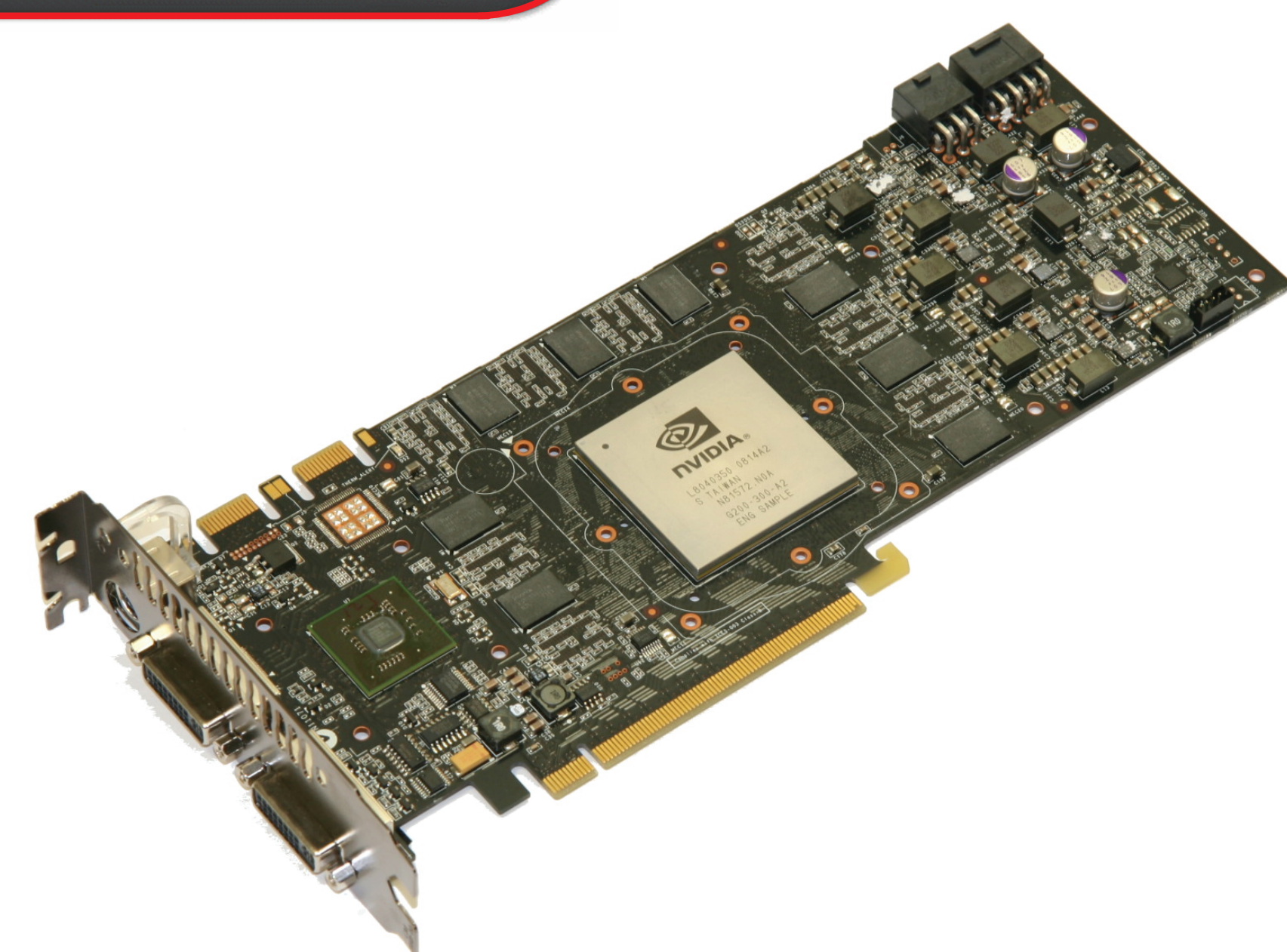
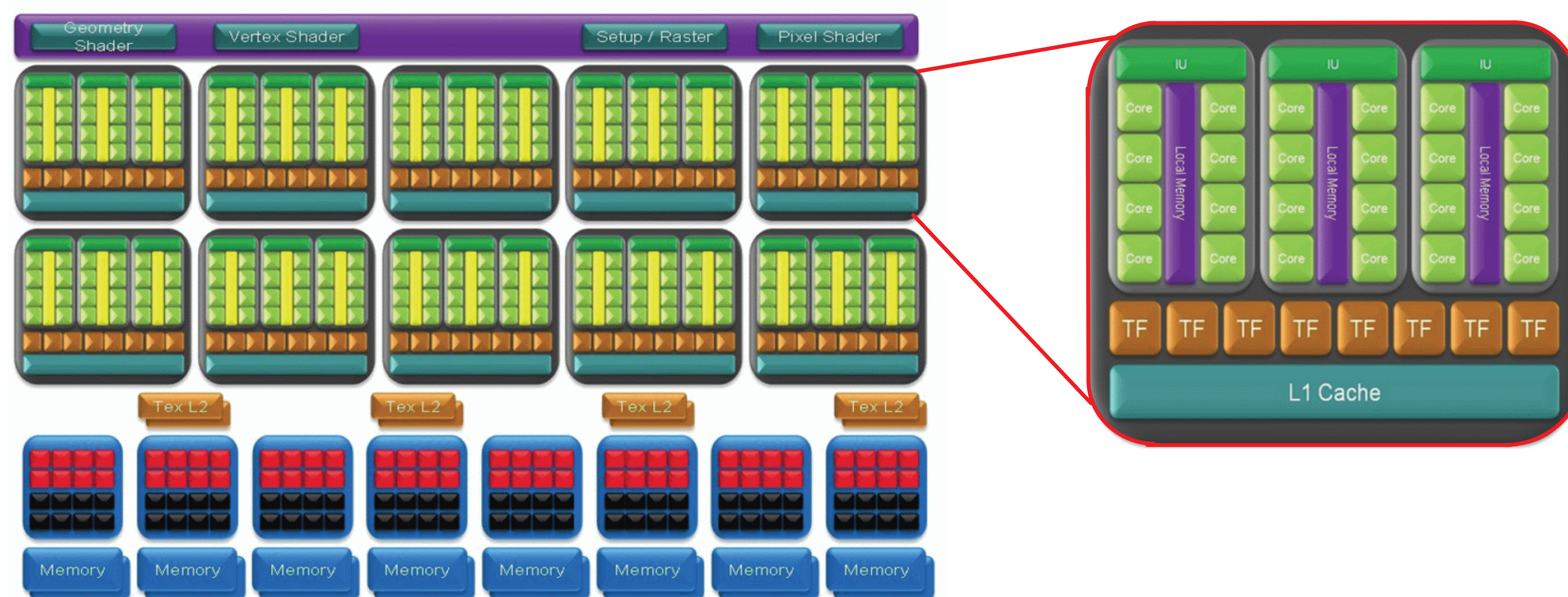
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Architecture of Nvidia GeForce 8800



Stream Processors	128
Texture Address /Filtering	56 /56
ROPs	24
Core Clock	575 MHz
Shader Clock	1350 MHz
Memory Clock	900 MHz
Memory Bus Width	256 bit
Memory Amonut	512 MB
Memory Bandwidth	86.4 Gb/sec
Frame Buffer	512 MB
Transistor Count	681 M
Manufacturing Technology	90 nm
Maximum Graphics Card Power	145.5 W

Architecture of Nvidia GeForce GTX 280



Stream Processors	240
Texture Address /Filtering	80 /80
ROPs	32
Core Clock	602 MHz
Shader Clock	1296 MHz
Memory Clock	1107 MHz
Memory Bus Width	512 bit
Memory Amonut	896 MB
Memory Bandwidth	111.9 Gb/sec
Frame Buffer	1 GB
Transistor Count	1.4 B
Manufacturing Technology	65 nm
Maximum Graphics Card Power	182 W

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