## Тема 2.6 Архитектура многопроцессорных систем

SISD, MISD, SIMD, MIMD. SISD (sINgle INsTRuction sTReam / sINgle data sTReam) -SIMD (sINgle INsTRuction sTReam / multIPle data sTReam) -MMX- SSE-SIMD MISD (multIPe INsTRuction sTReam / sINgle data sTReam ) -MIMD (multIPe INsTRuction sTReam / multIPle data sTReam ) -**MIMD MIMD MIMD** 

symmeTRic multIProcessINg),
SMP-

-un

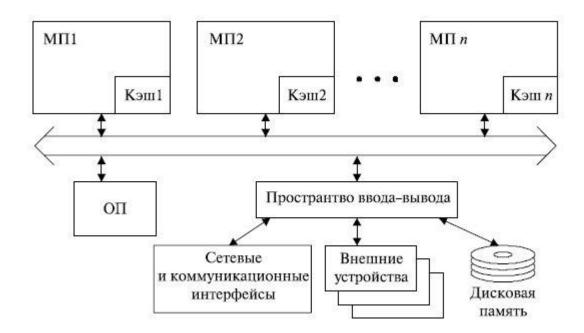
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(massively parallel processor

MPP-

SMP- (\_\_\_\_).

SMP-

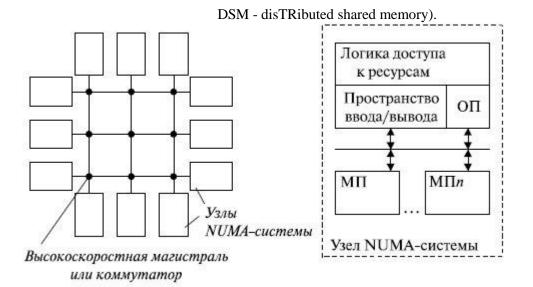


SMP-

SMP-

SMP-

SMP-



NUMA-

SMP- NUMA-

NUMA-

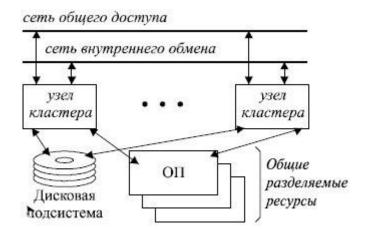
cc-NUMA-

- Tera 10 -

SMP-

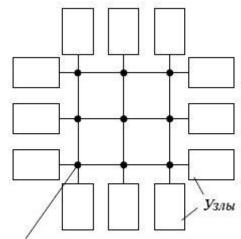
Itanium 2.

( )



(MPP) -

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Высокоскоростная магистраль или коммутатор

MPP-

MPP-

MPP-

SMP-

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MPP-SMP-

NUMA- -

MPP-

MPP-

-

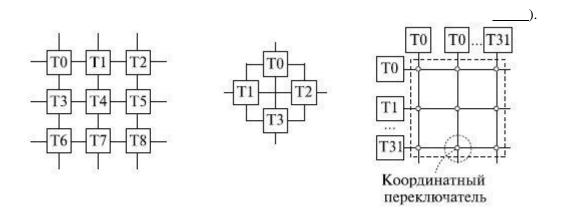
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computer (

\_\_\_\_).





200 MIPS, 25 MFLOPS

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Pentium Pro

Texas INsTRuments