

Technologies Roadmap: Server and Workstation

2006

2007

2008

Processor



Dual-core
AMD Virtualization
Security
Memory RAS
DDR2

Next-generation Core
Quad-core
L3 Cache
HyperTransport™ 3.0
Power Management
Enhancements
128-bit FPU
Increased IPC

Direct Connect
Architecture 2.0
Larger Cache
Manageability
Virtualization+
Enhanced RAS
FBDIMM

Chipset and Platform

PCI Express
Gigabit Ethernet
TCP Offload
Serial SCSI
Serial ATA II
Hardware RAID

HyperTransport 3.0
PCI Express
Gigabit Ethernet
TCP Offload
Serial SCSI
Serial ATA II
Hardware RAID

I/O Virtualization
PCI Express 2
10 Gigabit Ethernet
TCP Offload
Serial SCSI
Serial ATA II
Hardware RAID

