

Hello, my name is Thoi Nguyen. I am a hardware architect for IBM Systems. We are introducing today the Power 6 processor, and two Power 6 Systems. System p575 is the high computing Power 6 system. It has up to 14 nodes per rack and each node has sixteen Power 6 modules and each module has two cores for a total of 32 cores per node. Each processor is running at 4.7 Gigahertz. Peak performance is 600 gigaflops per node. And the total rack is about 10 teraflops. And along with the processor, each node has 256 gigabyte maximum capacity. Along with the System p575 we are also introducing the JS20 Power 6 blade. Power 6 blade has two P6 processors modules. Each processor module has two cores and running at 4.0 gigahertz. The total peak bandwidth of peak performance of the blade is 64 gigaflops. Thank you very much. I would also like to talk to you today about the cooling design in the p575. The processor subsystem is cooled by water, regular water. And the remaining subsystems, including the memory and I/O subsystem, are cooled by air.