

**SET CPU Cell Processor**

- PowerPC-base Core @3.2GHz
- 1 VMX vector unit per core
- 512KB L2 cache
- 7 x SPE @3.2GHz
- 7 x 128b 128 SIMD GPRs
- 7 x 256KB SRAM for SPE
- 1 of 8 SPEs reserved for redundancy
- total floating point performance: 218 GFLOPS

**GPU RSX @550MHz**

- 1.8 TFLOPS floating point performance
- Full HD (up to 1080p) x 2 channels
- Multi-way programmable parallel floating point shader pipelines

**Sound**

- Dolby 5.1ch, DTS, LPCM, etc. (Cell- base processing)

**Memory**

- 256MB XDR Main RAM @3.2GHz
- 256MB GDDR3 VRAM @700MHz

**System Bandwidth**

- Main RAM - 25.6GB/s
- VRAM - 22.4GB/s
- RSX - 20GB/s (write) + 15GB/s (read)
- SB - 2.5GB/s (write) + 2.5GB/s (read)

**System Floating Point Performance**

- 2 TFLOPS

**Storage**

- HDD - Detachable 2.5" HDD slot x 1

**I/O**

- USB - Front x 4, Rear x 2 (USB2.0)
- Memory Stick - standard/Duo, PRO x 1
- SD - standard/mini x 1
- CompactFlash (Type I, II) x 1

**Communication**

- Ethernet - (10BASE-T, 100BASE-TX, 1000BASE-T) x 3 (input x 1 + output x 2)
- Wi-Fi - IEEE 802.11 b/g
- Bluetooth - Bluetooth 2.0 (EDR)

**Controller**

- Bluetooth (up to 7)
- USB2.0 (wired)
- Wi-Fi (PSP®)
- Network (over IP)

**AV Output**

- Screen size - 480i, 480p, 720p, 1080i, 1080p
- HDMI - HDMI out x 2
- Analog - AV MULTI OUT x 1

- Digital audio - DIGITAL OUT (OPTICAL) x 1

### **Disc media**

#### **CD**

- PlayStation® CD-ROM
- CD-DA - CD-DA (ROM), CD-R, CD-RW
- SACD - SACD Hybrid (CD layer), SACD HD
- DualDisc - DualDisc (audio side), DualDisc (DVD side)

#### **DVD**

- PlayStation®2 DVD-ROM
- PLAYSTATION®3 DVD-ROM
- DVD-Video - DVD-ROM, DVD-R, DVD-RW, DVD+R, DVD+RW

#### **Blu-ray Disc**

- PLAYSTATION®3 BD-ROM
- BD-Video BD-ROM, BD-R,
- BD-RE