Computation resource for online-detchar

- Web : 1 ~ 2 cores + 2GB
- Sensitivity monitor : 1 core + 2GB
- Lock information : 1 core + 2GB
- Non-stationarity : 2 cores + 2GB
- Glitch monitor : 10-20 cores + 2GB
- Line monitor : 2 cores + 2GB
- Noise budget : 1 core + 2GB
- Data base : 1 core + 2GB

Storageはトリガーイベント数によるが、2-4T程度？

制御用クライアントPCと統合するもの：GUI

搭載CPU	動作周波数 (GHz)	CPU数	コア総数	搭載メモリ	HDD数 (3.5型)	グラフィックス	SIP 税込価格 (税抜価格)	H/W+CentOS 税込価格 (税抜価格)
Xeon® E5-2697 v2 (12コア)	2.7	2	24	128GB (16GB ×8)	1TB ×2	Quadro 410 (Linux構成時) FirePro V3900 (Windows構成時)	¥1,732,500 (¥1,650,000)	¥1,512,000 (¥1,440,000)
				64GB (8GB ×8)			¥1,617,000 (¥1,540,000)	¥1,407,000 (¥1,340,000)
Xeon® E5-2690 v2 (10コア)	3.0	2	20	128GB (16GB ×8)	1TB ×2	Quadro 410 (Linux構成時) FirePro V3900 (Windows構成時)	¥1,480,500 (¥1,410,000)	¥1,291,500 (¥1,230,000)
				64GB (8GB ×8)			¥1,365,000 (¥1,300,000)	¥1,186,500 (¥1,130,000)
Xeon® E5-2667 v2 (8コア)	3.3	2	16	128GB (16GB ×8)	1TB ×2	Quadro 410 (Linux構成時) FirePro V3900 (Windows構成時)	¥1,480,500 (¥1,410,000)	¥1,291,500 (¥1,230,000)
				64GB (8GB ×8)			¥1,365,000 (¥1,300,000)	¥1,186,500 (¥1,130,000)
Xeon® E5-2643 v2 (6コア)	3.5	2	12	128GB (16GB ×8)	1TB ×2	Quadro 410 (Linux構成時) FirePro V3900 (Windows構成時)	¥1,260,000 (¥1,200,000)	¥1,092,000 (¥1,040,000)
				64GB (8GB ×8)			¥1,134,000 (¥1,080,000)	¥987,000 (¥940,000)
Xeon® E5-2637 v2 (4コア)	3.5	2	8	128GB (16GB ×8)	1TB ×2	Quadro 410 (Linux構成時) FirePro V3900 (Windows構成時)	¥1,018,500 (¥970,000)	¥892,500 (¥850,000)
				64GB (8GB ×8)			¥892,500 (¥850,000)	¥777,000 (¥740,000)

http://www.hpc.co.jp/HPC5000-XI216TS-Silent_price.html

参考：DMTサーバ

Hardware

- Processing nodes:
  - 10-20 Cores per site (hi-perf ~8-core nodes preferred)
  - ~2GB/core
  - Net i/f to concentrator, cds sub-net
- Storage:
  - Dual-port file-system with ~10TB storage (for sharing output data products with LDAS platforms)
  - Additional driver processor if needed (Solaris?)
- Displays
  - Projectors + Driver processors