

Data



MAGNETOM Avanto Computer System



■ Host Computer (MRC)

Double processor	2 x Pentium 4™/Intel Xeon™
Clock rate	≥ 3.06 GHz
Main memory (RAM)	2 GB
1 st hard disk (system SW)	36 GB
2 nd hard disk (data base)	36 GB
3 rd hard disk (images)	73 GB (approx. 110,000 images, square matrix 256 ² and 512 ² uncompressed)
CD-R writer	approx. 4,000 images 256 ² ; DICOM Standard, ISO 9660
Media drives	CD-ROM drive, Floppy disk drive

■ Panoramic Recon Image Processor (MRC)

Double processor	2 x Pentium 4™/Intel Xeon™
Clock rate	≥ 3.06 GHz
Main memory (RAM)	≥ 4 GB
1 hard disk (system SW)	18 GB
4 hard disks (raw data)	4 x 18 GB = 72 GB
Reconstruction speed	355 recons per second (256 ² FFT, full FoV) 3226 recons per second (256 ² FFT, 25 % recFoV)
Parallel Scan & Recon	Simultaneous scan and reconstruction of up to 5 data sets
Media drives	CD-ROM drive

■ MR Satellite Console (MRSC) (optional)

Double processor	2 x Pentium 4™/Intel Xeon™
Clock rate	≥ 3.06 GHz
Main memory (RAM)	2 GB
1 st hard disk (system SW)	36 GB
2 nd hard disk (images)	73 GB
CD-R writer	approx. 4,000 images 256 ² , DICOM Standard, ISO 9660
Media drives	CD-ROM drive, Floppy disk drive