

Mobile Networks Laboratory

Networking equipment

- Switch-router Cisco C6513
- Router Juniper M40E
- 3x Switches Cisco SG350-52

Servers

- 2x Dell PowerEdge R520
 - 2x processors Intel Xeon E5-2430 2,20 GHz, 6C, cache 15M, QPI 7,2 GT/s, 95W
 - RAM Memory 64GB RDIMM, 1333 MHz
 - Hard disk: 4TB SATA 7,2K 3,5"
 - RAID controller PERC H310
 - Additional 2 ports Gigabit Ethernet Broadcom 5720
- 16x Supermicro X10DRI
 - 2x processors Intel Xeon E5-2650V3; 10 cores; 2,3GHz; 105W
 - RAM memory: 64GB (8GB x 8); DDR4 2133MHz
 - Hard disk: 2x 1TB SATA2 3GB/s
- 5x Supermicro SuperServer SYS-6039P-TXRT
 - 2x processors Intel Xeon 4214; 12 cores; 2,2GHz
 - RAM memory: 128GB (32GB x 4); DDR4 2933MHz
 - Hard disk: 1TB SSD
 - Hard disks: 2x 3TB SATA3 6Gb/s
 - 2 additional ports 10Gigabit Ethernet Intel X550
- Supermicro WorkStation SYS-7049GP-TRT
 - 2x processors Intel Xeon 6230; 20 cores; 2,1GHz; 125W
 - RAM memory: 192GB (12x16GB) DDR4 2933MHz ECC REG 1.20V
 - Hard disks: 2x 2TB SATA3 6GB/S ULTRASTAR
 - GPUs: 4x NVIDIA Geforce RTX 2080Ti; 4352 cores; 11GB
- Supermicro SYS-2049U-TR4
 - 4x processors Intel Xeon 8260; 24 cores; 2,4GHz; 165W
 - RAM memory: 1536 GB (64GB x 24); DDR4 ECC 2933MHz
 - Hard disks: 2x 480GB SSD Intel D3 S4510 2.5" SATA 6Gb/s
 - Hard disks: 6x 2TB SATA3 6Gb/s 7200RPM
- Supermicro SYS-2049U-TR4
 - 4x processors Intel Xeon 6230R; 26 cores; 2,1GHz; 150W

- RAM memory: 768 GB (32GB x 24); DDR4 ECC 2933MHz
- Hard disks: 2x 480GB SSD Intel D3 S4510 2.5" SATA 6Gb/s
- Hard disks: 6x 2TB SATA3 6Gb/s 7200RPM
- Supermicro SYS-5019-PMR
 - 2x processors Intel Xeon 4214; 12 cores; 2,2GHz; 85W
 - RAM memory: 192 GB (32GB x 6); DDR4 ECC 2933MHz
 - Hard disks: 480GB SSD Intel D3 S4510 2.5" SATA 6Gb/s
 - Hard disks: 4TB SATA3 6Gb/s 7200RPM

Cellular network and RF equipment

- Ettus Research's Universal Software Radio Peripherals USRP X310 and RF front-ends.
- Network Emulator Tektronix G35
- Base Station Nokia Siemens Networks NB-860

Other equipment

- 2x laptops EUROCOM P7 Pro
 - Processor Intel Core i7-4790K; 4GHz; 4C/8T, 8MB; LGA1150; 88W
 - Memory 32 GB; DDR3-2133; SODIMM
 - NVIDIA GTX 965M; 4GB DDR5; 1024 CUDA
 - Hard disk 2 TB; SATA3; Hitachi 7K1000; 7200RPM
 - WLAN 802.11AC+BT4.1; Killer 1535AC 2x2
- 3x laptops EUROCOM P5 Pro
 - Processor Intel Core i7-4790K; 4GHz; 4C/8T, 8MB; LGA1150; 88W
 - Memory 32 GB; DDR3-1600; SODIMM
 - NVIDIA Quadro K1100M; 2GB DDR5
 - Hard disk 1 TB; SATA3; Hitachi 7K1000; 7200RPM
 - Hard disk 250 GB; SSD; Samsung 970 EVO
 - WLAN 802.11AC+BT4.1; Intel AC-7265
- 3x Power Switch MDD IPS-1600-CE-D16