

# Počítačový klastr katedry geofyziky

jméno	CPU/base/max.frekv. (generace)	jader	RAM	sít'ové disky	InfiniBand	GPU	jader	RAM (cc)	Linux	
<b>Trojice</b>										
karel	i9-9900K/3.6/5.0	Coffee Lake R. (9)	8j.	32 GB	16 TB	/nfs1+ssd	GT 1030	3x128	2 GB (6.1)	Ubuntu 12.04
lojzik	i7-3930K/3.2/3.8	Sandy Bridge (2)	6j.	64 GB	16 TB	/nfs3	GTX Titan	14x192	6 GB (3.5)	Ubuntu 14.04
vaclav	i9-9900K/3.6/5.0	Coffee Lake R. (9)	8j.	32 GB	2x16 TB	/nfs5+/nfs6	GT 1030	3x128	2 GB (6.1)	Ubuntu 22.04
<b>Desatero (geof*0)</b>										
geof10-30	i9-9900KF/3.6/5.0	Coffee Lake R. (9)	8j.	32 GB	8 TB	/nfs10-30	RTX 2070	36x64	8 GB (7.5)	Ubuntu 14.04
geof40-50	i9-9900KF/3.6/5.0	Coffee Lake R. (9)	8j.	32 GB	8 TB	/nfs40-50	RTX 2070	36x64	8 GB (7.5)	Ubuntu 14.04
geof60-80	i9-9900K/3.6/5.0	Coffee Lake R. (9)	8j.	32 GB	8 TB	/nfs60-80	GT 1030	3x128	2 GB (6.1)	Ubuntu 14.04
geof90	i9-9900K/3.6/5.0	Coffee Lake R. (9)	8j.	32 GB	8 TB	/nfs90	GT 1030	3x128	2 GB (6.1)	Ubuntu 14.04
geof00	i9-9900K/3.6/5.0	Coffee Lake R. (9)	8j.	64 GB	8 TB	/nfs00+ssd	RTX 2070Su	40x64	8 GB (7.5)	Ubuntu 14.04
<b>Servery (XYZW)</b>										
geofx1-3	i9-9920X/3.5/4.4	Skylake-X	12j.	64 GB	8 TB	/nfsx1-3	IB RTX 3070	46x128	8 GB (8.6)	Ubuntu 14.04
geofy1-2	i9-10920X/3.5/4.6	Cascade Lake-X	12j.	64 GB	8 TB	/nfsy1-2	IB GTX 1070Ti	19x128	8 GB (6.1)	Ubuntu 14.04
geofy3-4	i9-10980XE/3.0/4.6	Cascade Lake-X	18j.	64 GB	8 TB	/nfsy3-4	IB GT 1030	3x128	2 GB (6.1)	Ubuntu 14.04
geofy5-6	AMD Epyc 7302P/3.0/3.3	Rome	16j.	64 GB	16 TB	/nfsy5-6	IB GT 1030	3x128	2 GB (6.1)	Ubuntu 14.04
geofz1-3	Xeon E5-2630v2/2.6/3.1	Ivy Br. (3)	12j.	192/160/160 GB	8 TB	/nfsz1-3	IB GT 710	1x192	2 GB (3.5)	Ubuntu 14.04
geofw1-3	Xeon E5-2650v4/2.2/2.9	Broadw. (5)	24j.	256 GB	16 TB	/nfsw1-3+ssd	IB GT 710	1x192	1 GB (3.5)	Ubuntu 14.04
<b>Béčka</b>										
geofb1-5	i7-3930K/3.2/3.8	Sandy Bridge (2)	6j.	32 GB	2 TB	/nfsb1-5	210	2x8	1 GB (1.2)	Ubuntu 14.04
<b>Singles</b>										
geoffg	i9-9900K/3.6/5.0	Coffee Lake R. (9)	8j.	64 GB	16 TB	/nfsfg	RTX 2070	36x64	8 GB (7.5)	Ubuntu 14.04
geofgf	i9-9900KF/3.6/5.0	Coffee Lake R. (9)	8j.	32 GB	8 TB	/nfsfgf	RTX 2070	36x64	8 GB (7.5)	Ubuntu 14.04
geofhc	i9-9900KF/3.6/5.0	Coffee Lake R. (9)	8j.	64 GB	2x16 TB	/nfs hc+/nfs hc2	GT 1030	3x128	2 GB (6.1)	Ubuntu 14.04
geofjp	i7-8700K/3.7/4.7	Coffee Lake (8)	6j.	64 GB	2x16 TB	/nfsjp+/nfsjp2	GT 1030	3x128	2 GB (6.1)	Ubuntu 14.04
geofjv	i9-9900K/3.6/5.0	Coffee Lake R. (9)	8j.	64 GB	16 TB	/nfsjv	GTX 680	8x192	2 GB (3.0)	Ubuntu 20.04
geofkk	i9-9900KF/3.6/5.0	Coffee Lake R. (9)	8j.	32 GB	16 TB	/nfskk	GT 1030	3x128	2 GB (6.1)	Ubuntu 14.04
geofmk	i9-11900K/3.5/5.3	Rocket Lake (11)	8j.	32 GB	6 TB	/nfsmk	GT 1030	3x128	2 GB (6.1)	Ubuntu 22.04
geofoc	i9-9900KF/3.6/5.0	Coffee Lake R. (9)	8j.	32 GB	4 TB	/nfsoc	GT 1030	3x128	2 GB (6.1)	Ubuntu 14.04
geofpa	i9-9900K/3.6/5.0	Coffee Lake R. (9)	8j.	32 GB	4 TB	/nfs pa	GT 1030	3x128	2 GB (6.1)	Ubuntu 22.04
geofvp	i9-10980XE/3.0/4.6	Cascade Lake-X	18j.	64 GB	16 TB	/nfsvp	IB GT 1030	3x128	2 GB (6.1)	Ubuntu 22.04
geoflv	i7-7820X/3.6/4.3	Skylake-X	8j.	32 GB	16 TB	/nflsv	GTX 1660Ti	24x64	6 GB (7.5)	Ubuntu 22.04
geofhk	i7-6700K/4.0/4.2	Skylake (6)	4j.	32 GB	4 TB	/nfs hk	GTX 650	2x192	1 GB (3.0)	Ubuntu 14.04
geoflh	i7-6700K/4.0/4.2	Skylake (6)	4j.	32 GB	6 TB	/nfs lh	GTX 650	2x192	1 GB (3.0)	Ubuntu 14.04
geofos-pm-zm	i7-3930K/3.2/3.8	Sandy Bridge (2)	6j.	32 GB	4/6/4 TB	/nfsos-pm-zm	GTX 650	2x192	1 GB (3.0)	Ubuntu 14.04
geofds	NAS Synology DiskStation DS3611xs			9x3+3x4 TB /nas1, /nas2, ..., /nas9, /nas0, /nasa, /nasb			DSM 5.2			
<b>CELKEM</b>	<b>49+1 stroj</b>		<b>CPU jader: 490</b>		<b>RAM: 3168GB</b>		<b>Disky: 543 TB</b>		<b>CUDA jader: 56656</b>	