

# Počítačový klastř katedry geofyziky

jméno	CPU model/GHz	počet jader	RAM	sít'ové disky	GPU	počet jader/RAM (cc)	Linux
<b>Trojice</b>							
karel	i7-3930K/3.20 Sandy Bridge	6x	32 GB	8 TB /nfs1	GTX 460,	7x 48/1.0 GB (2.1)	Ubuntu 12.04
lojzik	i7-3930K/3.20 Sandy Bridge	6x	32 GB	8 TB /nfs3	GTX 680,	8x192/2.0 GB (3.0)	Ubuntu 14.04
vaclav	i7-3930K/3.20 Sandy Bridge	6x	32 GB	8+6 TB /nfs5	GTX 650,	2x192/1.0 GB (3.0)	Ubuntu 14.04
<b>Desatero (geof-0)</b>							
geof10	i7-3930K/3.20 Sandy Bridge	6x	32 GB	3 TB /nfs10	GTX 570,	15x32/1.3 GB (2.0)	Ubuntu 14.04
geof20	i7-3930K/3.20 Sandy Bridge	6x	32 GB	3 TB /nfs20	GTX 470,	14x32/1.3 GB (2.0)	Ubuntu 14.04
geof30	i7-3930K/3.20 Sandy Bridge	6x	32 GB	3 TB /nfs30	GTX 680,	8x192/2.0 GB (3.0)	Ubuntu 14.04
geof40	i7-3930K/3.20 Sandy Bridge	6x	32 GB	3 TB /nfs40	GTX 1070,	19x128/ 8 GB (6.1)	Ubuntu 14.04
geof50	i7-3930K/3.20 Sandy Bridge	6x	32 GB	3 TB /nfs50	GTX 1070,	19x128/ 8 GB (6.1)	Ubuntu 14.04
geof60	i7-3930K/3.20 Sandy Bridge	6x	32 GB	3 TB /nfs60	GTX 650,	2x192/1.0 GB (3.0)	Ubuntu 14.04
geof70	i7-3930K/3.20 Sandy Bridge	6x	32 GB	3 TB /nfs70	GTX 650,	2x192/1.0 GB (3.0)	Ubuntu 14.04
geof80	i7-3930K/3.20 Sandy Bridge	6x	32 GB	3 TB /nfs80	GTX 650,	2x192/1.0 GB (3.0)	Ubuntu 14.04
geof90	i7-3930K/3.20 Sandy Bridge	6x	32 GB	3 TB /nfs90	GTX 650,	2x192/1.0 GB (3.0)	Ubuntu 14.04
geof00	i7-4930K/3.40 Ivy Bridge	6x	32 GB	6 TB /nfs00	GTX 470,	14x32/1.3 GB (2.0), 2krát	Ubuntu 14.04
<b>Servery (geof-xyzw)</b>							
geofx1-3	Xeon E5520/2.26 Nehalem	8x	32/40/ 96 GB	2 TB /nfsx1-3	8400 GS,	1x 8/0.5 GB (1.1)	Ubuntu 14.04
geofy1-3	Xeon X5650/2.66 Westmere	12x	32/32/128 GB	2 TB /nfsy1-3	210,	2x 8/1.0 GB (1.2), InfiniBand	Ubuntu 14.04
geofy4-6	Xeon X5650/2.66 Westmere	12x	60 GB	2 TB /nfsy4-6	210,	2x 8/1.0 GB (1.2)	Ubuntu 14.04
geofz1-3	Xeon E5-2630v2/2.60 Ivy Br.	12x	64 GB	2 TB /nfsz1-3	210,	2x 8/1.0 GB (1.2), InfiniBand	Ubuntu 14.04
geofw1-3	Xeon E5-2650v4/2.20 Broad.	24x	64/64/128 GB	6 TB /nfsw1-3	210,	2x 8/1.0 GB (1.2), InfiniBand	Ubuntu 14.04
<b>Singles</b>							
geoffg	i7-3930K/3.20 Sandy Bridge	6x	32 GB	3 TB /nfsfg	GTX Titan,	14x192/ 6 GB (3.5)	Ubuntu 14.04
geofgf	i7-7820X/3.60 Skylake	8x	32 GB	4 TB /nfsgf	GTX 590,	32x32/3.0 GB (2.0)	Ubuntu 14.04
geofhc	i7-8700K/3.70 Coffee Lake	6x	32 GB	4 TB /nfs hc	GTX 650,	2x192/1.0 GB (3.0)	Ubuntu 14.04
geofjv	i7-3930K/3.20 Sandy Bridge	6x	32 GB	3 TB /nfsjv	GTX 650,	2x192/1.0 GB (3.0)	Ubuntu 14.04
geofhk	i7-6700K/4.00 Skylake	4x	32 GB	3 TB /nfs hk	GTX 750,	5x128/2.0 GB (5.0)	Ubuntu 14.04
geofkk	i7-7700K/4.20 Kaby Lake	4x	32 GB	5 TB /nfs kk	GTX 650,	2x192/1.0 GB (3.0)	Ubuntu 14.04
geoflh	i7-6700K/4.00 Skylake	4x	32 GB	3 TB /nfs lh	GTX 650,	2x192/1.0 GB (3.0)	Ubuntu 14.04
geoflv	i7-4820K/3.70 Ivy Bridge	4x	32 GB	3 TB /nfs lv	GTX 750,	5x128/2.0 GB (5.0)	Ubuntu 14.04
geofzm	i7-3820/3.60 Sandy Bridge	4x	32 GB	4 TB /nfs zm	GT 710,	1x192/2.0 GB (3.5)	Ubuntu 14.04
geofos	i7-950/3.06 Nehalem	4x	24 GB	2 TB /nfs os	8400 GS,	2x 8/0.25 GB (1.1)	Ubuntu 14.04
geofpm	i7-950/3.06 Nehalem	4x	24 GB	2 TB /nfs pm	8400 GS,	2x 8/0.25 GB (1.1)	Ubuntu 14.04
geofds	NAS Synology DiskStation DS3611xs			8x3+4x4 TB /nas1, /nas2, ..., /nas9, /nas0, /nasa, /nasb			DSM 5.2
<b>CELKEM</b>	<b>39+1 stroj a 336 CPU jader</b>		<b>1484 GB</b>	<b>181 TB</b>	<b>18984 CUDA + 117 MIC jader</b>		