

# Počítačový klastr katedry geofyziky

jméno	CPU model/GHz	RAM	sít'ové disky	GPU/MIC, počet jader/RAM (cc)	Linux
<b>Trojice</b>					
karel	6-core i7-3930K/3.20 Sandy Bridge	32 GB	6+6 TB /nfs1, /nfs2	GTX 450, 4x 48/2.0 GB (2.1)	Ubuntu 12.04
lojzik	6-core i7-3930K/3.20 Sandy Bridge	32 GB	6+4 TB /nfs3, /nfs4	GTX 680, 8x192/2.0 GB (3.0)	Ubuntu 14.04
vaclav	6-core i7-3930K/3.20 Sandy Bridge	32 GB	6+6 TB /nfs5, /nfs6	GTX 650, 2x192/1.0 GB (3.0)	Ubuntu 14.04
<b>Desatero (geof-0)</b>					
geof10	6-core i7-3930K/3.20 Sandy Bridge	32 GB	3 TB /nfs10	GTX 570, 15x32/1.3 GB (2.0)	Ubuntu 14.04
geof20	6-core i7-3930K/3.20 Sandy Bridge	32 GB	3 TB /nfs20	GTX 470, 14x32/1.3 GB (2.0)	Ubuntu 14.04
geof30	6-core i7-3930K/3.20 Sandy Bridge	32 GB	3 TB /nfs30	GTX 680, 8x192/2.0 GB (3.0)	Ubuntu 14.04
geof40	6-core i7-3930K/3.20 Sandy Bridge	32 GB	3 TB /nfs40	GTX 470, 14x32/1.3 GB (2.0)	Ubuntu 14.04
geof50	6-core i7-3930K/3.20 Sandy Bridge	32 GB	3 TB /nfs50	GTX 470, 14x32/1.3 GB (2.0)	Ubuntu 14.04
geof60	6-core i7-3930K/3.20 Sandy Bridge	32 GB	3 TB /nfs60	GTX 650, 2x192/1.0 GB (3.0)	Ubuntu 14.04
geof70	6-core i7-3930K/3.20 Sandy Bridge	32 GB	3 TB /nfs70	GTX 650, 2x192/1.0 GB (3.0)	Ubuntu 14.04
geof80	6-core i7-3930K/3.20 Sandy Bridge	32 GB	3 TB /nfs80	GTX 650, 2x192/1.0 GB (3.0)	Ubuntu 14.04
geof90	6-core i7-3930K/3.20 Sandy Bridge	32 GB	3 TB /nfs90	GTX 650, 2x192/1.0 GB (3.0)	Ubuntu 14.04
geof00	6-core i7-4930K/3.40 Ivy Bridge	32 GB	5 TB /nfs00	GTX 590, 32x32/3.0 GB (2.0)	Ubuntu 14.04
<b>Servery (geof-xyz)</b>					
geofx1	2x4-core Xeon E5520/2.3 Nehalem	48 GB	2 TB /nfsx1	8400 GS, 1x 8/0.5 GB (1.1), InfiniBand	Ubuntu 14.04
geofx2	2x4-core Xeon E5520/2.3 Nehalem	48 GB	2 TB /nfsx2	8400 GS, 1x 8/0.5 GB (1.1), InfiniBand	Ubuntu 14.04
geofx3	2x4-core Xeon E5520/2.3 Nehalem	48 GB	2 TB /nfsx3	8400 GS, 1x 8/0.5 GB (1.1), InfiniBand	Ubuntu 14.04
geofy1	2x6-core Xeon X5650/2.66 Westmere	64 GB	2 TB /nfsy1	210, 2x 8/1.0 GB (1.2), InfiniBand	Ubuntu 14.04
geofy2	2x6-core Xeon X5650/2.66 Westmere	64 GB	2 TB /nfsy2	210, 2x 8/1.0 GB (1.2), InfiniBand	Ubuntu 14.04
geofy3	2x6-core Xeon X5650/2.66 Westmere	64 GB	2 TB /nfsy3	210, 2x 8/1.0 GB (1.2), InfiniBand	Ubuntu 14.04
geofy4	2x6-core Xeon X5650/2.66 Westmere	60 GB	2 TB /nfsy4	210, 2x 8/1.0 GB (1.2), InfiniBand	Ubuntu 14.04
geofy5	2x6-core Xeon X5650/2.66 Westmere	60 GB	2 TB /nfsy5	210, 2x 8/1.0 GB (1.2), InfiniBand	Ubuntu 14.04
geofy6	2x6-core Xeon X5650/2.66 Westmere	60 GB	2 TB /nfsy6	210, 2x 8/1.0 GB (1.2), InfiniBand	Ubuntu 14.04
geofz1	2x6-core Xeon E5-2630v2/2.60 Ivy Br.	64 GB	2 TB /nfsz1	210, 2x 8/1.0 GB (1.2), InfiniBand	Ubuntu 14.04
geofz2	2x6-core Xeon E5-2630v2/2.60 Ivy Br.	64 GB	2 TB /nfsz2	210, Intel Xeon Phi 3120P, 57/6 GB, InfiniBand	Ubuntu 14.04
geofz3	2x6-core Xeon E5-2630v2/2.60 Ivy Br.	64 GB	2 TB /nfsz3	210, Intel Xeon Phi 5110P, 60/8 GB, InfiniBand	Ubuntu 14.04
<b>Singles</b>					
geoffg	6-core i7-3930K/3.20 Sandy Bridge	32 GB	3 TB /nfsfg	GTX Titan, 14x192/6 GB (3.5)	Ubuntu 14.04
geoffv	6-core i7-3930K/3.20 Sandy Bridge	32 GB	3 TB /nfsjv	GTX 650, 2x192/1.0 GB (3.0)	Ubuntu 14.04
geoffl	4-core i7-4820K/3.70 Ivy Bridge	32 GB	3 TB /nfslv	GTX 750, 5x128/2.0 GB (5.0)	Ubuntu 14.04
geofzm	4-core i7-3820K/3.60 Sandy Bridge	32 GB	2 TB /nfszm	GTX 750, 5x128/2.0 GB (5.0)	Ubuntu 14.04
geofhk	4-core i7-6700K/4.00 Skylake	32 GB	3 TB /nfskh	GTX 650, 2x192/1.0 GB (3.0)	Ubuntu 14.04
geoffh	4-core i7-6700K/4.00 Skylake	32 GB	3 TB /nfslh	GTX 650, 2x192/1.0 GB (3.0)	Ubuntu 14.04
geofos	4-core i7-950/3.06 Nehalem	24 GB	3 TB /nfsos	GTX 550, 4x48/1.0 GB (2.1)	Ubuntu 14.04
geofpm	4-core i7-950/3.06 Nehalem	24 GB	2 TB /nfspm	GTX 550, 4x48/1.0 GB (2.1)	Ubuntu 14.04
geofds	NAS Synology DiskStation DS3611xs		8x3+4x4 TB /nas1, /nas2, ..., /nas9, /nas0, /nasa, /nasb		DSM 5.2
<b>CELKEM</b>	<b>33+1 stroj a 246 CPU jader</b>	<b>1364 GB</b>	<b>152 TB</b>	<b>13704 CUDA + 117 MIC jader</b>	