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Subject: Hardware suggestions for IDL/ENVI.  
Posted by [Jonas Ardo](#) on Mon, 28 Nov 2016 14:57:45 GMT  
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Folks,

We have received some funds for hardware which we will run IDL/ENVI  
MATLAB, TIMESAT (<http://web.nateko.lu.se/timesat/>) and Agisoft PhotoScan  
on.

We plan to get:

- DELL C4130 server with two Xeon E5-2650 processors
- 2 x NVIDIA K80 cards for GPU enable processing
- Some SSD-disk (Samsung pro?)
- Raid-6 with XXX Tbyte disk for storage

Will use LINUX/CENTOS.

Using this hardware we plan to run time-series analysis of MODIS,  
SENTINEI-2, LANDSAT data, processing of drone data and standard (but  
demanding) image processing tasks with big data sets.

We expect there will be a lot of reading/writing to disk why we hope the  
SSD speed up some of these things.

I would appreciate some advice form your extensive experience on  
suitable hardware/software configurations and alternatives. What to use  
and what NOT to use? Whats important to think of?

Regards  
/Jonas Ardö, Lund University, Sweden

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