



Lightspeed K20 server release

Release Notes V-LSK20 1RU GPU server

October 30, 2013

This Release Notes document describes the release of Telestream's Lightspeed K20 1RU server for use with Vantage software. This is the second release of Lightspeed with upgrades to the GPU, CPU and other components.

Lightspeed K20 – V-LSK20*

- Lightspeed K20 server is approved for use with
 - All Vantage V5 releases
 - All Vantage V6 releases
- Changes from initial Lightspeed – V-LS
 - Updated GPU - replaced the NVidia M2075 with NVidia K20M
 - Updated CPU - replaced the 8 core Intel E5-2650 Sandy Bridge CPUs with 10 core Intel E5-2670 v2 Ivy Bridge CPUs
 - Updated GPU driver – replaced NVidia GPU driver V295.73.x with V320.78
 - Updated Media Drives – Replaced 600GB 10K RPM hard drives with 1TB 10K RPM drives
 - Updated 120GB SSD OS Drive – Replaced Intel 530 series with Intel S3500 series
 - Updated BOIS - replaced BIOS V1.0c with V3.0a
 - Updated IPMI - replaced IPMI driver V1.73 with V2.43

*Refer to Lightspeed K20 operating spec for server details

Known Issues:

GIR-5969 - GPU RAM can overflow when too many Multiscreen or IPTV transcode processes are run within multiple concurrent Vantage jobs.

Support contacts

For Pipeline technical support, visit the Pipeline support web site at <http://www.telestream.net/telestream-support/lightspeed/support.htm>

Lightspeed/Lightspeed K20 User Guide can be found at: <http://www.telestream.net/pdfs/user-guides/Lightspeed-User-Guide.pdf>