

## Lightspeed K20 Server Release Notes

Vantage v7.0 - July 19, 2016

This Release Notes document describes the release of Telestream's Lightspeed K20 1RU server for use with Vantage software. This release is qualified for use with Vantage v7.0 running under Windows Server 2012 R2 or Windows Server 2008 R2.

### Lightspeed K20 server - Key features/improvements/fixes:

- **Lightspeed K20 server – update**– July 19, 2016
  - Lightspeed K20 servers qualified for use with Vantage v7.0
- **Lightspeed K20 server – update**– February 10, 2016
  - Lightspeed K20 servers qualified for use with Vantage v6.3 UP5
  - **Updated** – Updated NVidia GPU driver version to v354.56 WHQL.
- **Lightspeed K20 server – Initial release** – October 30, 2013

### Lightspeed K20 – V-LSK20

- Lightspeed K20 server is qualified for use with
  - Vantage Software
    - Vantage v6.3 Update Pack 1 through Update Pack 5 with Transcoder 2015.6 (or later)
    - Vantage v7.0 with Transcoder 2016.6+ (or later)
  - Operating System
    - Windows Server 2012 R2 Standard Edition
    - Windows Server 2008 R2 Standard Edition
  - Fibre Channel Cards options:
    - ATTO Celerity FC-81EN Single-Channel 8Gb/s HBA (V-FIBRE-LS-SINGLE)
    - ATTO Celerity FC-82EN Dual-Channel 8Gb/s HBA (V-FIBRE-LS-DUAL)
    - QLogic QLE2560 Single-Channel 8Gb/s HBA (V-QLOGIC-FC-SINGLE)
    - QLogic QLE2562 Dual-Channel 8Gb/s HBA (V-QLOGIC-FC-SINGLE)
  - Ethernet Network Interface Cards options:
    - Intel PRO/1000 PT Quad Port Server adapter (V-ETH-LS-QUAD)
    - ATTO FastFrame NS-11 Single-Channel SFP+ 10GbE (V-10GBESPF-LS-SGL)
    - ATTO FastFrame NS-12 Dual-Channel SFP+ 10GbE (V-10GBESPF-LS-DUAL)
    - MYRICOM 10G-PCIE-8B-S+E 10GbE (V-MYRICOM-10G-SGL)
    - MYRICOM 10G-PCIE2-8B2 Dual Port 10GbE (V-MYRICOM-10G-Dual)
- Lightspeed K20 ships with the following software drivers
  - NVidia K20 GPU Driver – 354.56 WHQL
  - Network Driver – v20.0 (Intel ProWin64 for Win 2012 or Win 2008)
  - IPMI revision – v1.85
  - System BIOS – v1.0b

### 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 Lightspeed technical support and documentation, visit the Lightspeed support web site at <http://www.telestream.net/telestream-support/lightspeed/support.htm>.