PRODUCT INFORMATION SHEET

LYRIC®X HX

CHYRONHEGO®

UHD-READY GRAPHICS CREATION FOR LIVE & AUTOMATED WORKFLOWS

ChyronHego's LyricX HX is our most powerful and robust workstation. Combined with our LyricX graphics creation and playout software, the LyricX HX platform is tailored to meet the high performance demands of emerging UHD productions.

LyricX HX is based on the latest Intel® high-speed, multi-core processor and NVIDIA® GPU architecture. Accelerated performance and intensive 2D and 3D graphics creation are always available on-demand. It's the fastest ChyronHego platform ever!

SIZED RIGHT AND READY FOR REMOTE LIVE PRODUCTION

LyricX HX, designed to be as efficient as it is unobtrusive, is the optimal size for remote production applications where rack space is in high demand.
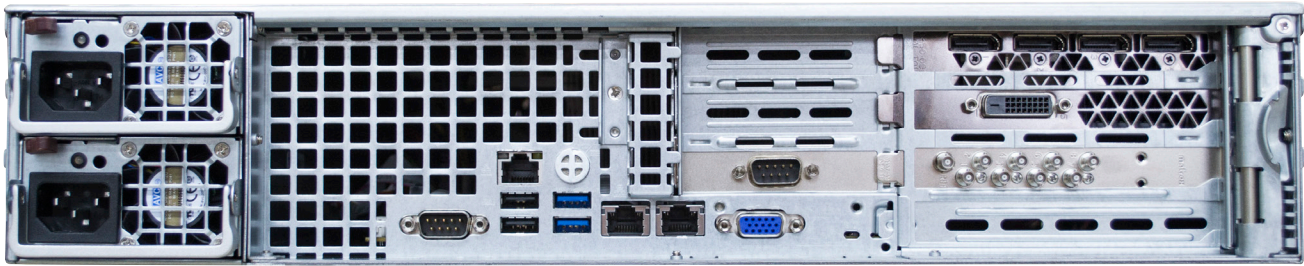
HIGH PERFORMANCE STORAGE AND DATA TRANSFER

LyricX HX's storage is fully redundant and based on SSD technology for maximum performance, and system storage is isolated from media storage. System drives are configured as Raid 1 and Media drives are in a Raid 5 configuration to ensure both redundancy and high performance. The front panel-mounted USB 3 allows for up to 5gbps transfers for convenient and fast transfer of packages on to and off of the HX Graphics Platform.

LYRIC®X HX

An SD to UHD 2RU design, RAID 5 SSD storage, with redundant, hot-swappable power supplies.

Typical HX Graphics Platform
Rear I/O Configuration

KEY
FEATURES

Based on the latest Intel® high-speed, multi-core processor and NVIDIA® GPU architecture.

• Accelerated performance and intensive 2D and 3D graphics creation are always available on-demand. It's the fastest ChyronHego platform ever!

A turnkey solution from the company that invented the Character Generator.

• Lyric®X HX combines the award-winning Lyric graphics creation and playback software with graphics processing power that delivers unmatched performance.

As efficient as it is unobtrusive.

• Lyric®X HX is the optimal size for remote production applications where rack space is in high demand.

Standard in a variety of resolutions from SD to 4K.

• Protect your investment as you migrate to the latest UHD standards.

Lyric®X HX. Designed and engineered for Lyric®X.

• Lyric®X UI optimizations, paired with the all new Lyric®X HX platform, make for lighting fast graphics recall and a snappy user experience!

TECHNICAL SPECIFICATIONS

2RU DIMENSIONS

- **Height:** 3.5" (89mm)
- **Width:** 17.2" (437mm)
- **Depth:** 24.8" (630mm)
- **Weight:** 22.7kg/50lbs.
- **OS:** Windows 7 Ultimate 64-bit
- **Processor Family:** Intel Socket 2011-v3 Octa-Core Processor
- **Memory:** 64GB DDR4-2133
- **GPU:** NVIDIA® GPU, Quadro P5000

STORAGE

- 2x200GB SSD (RAID1 – "SYSTEM")
- 4x800GB SSD (RAID5 – "MEDIA" and "CLIPS" over 2 TB usable)
- *Optional expansion available

USB

- (2) USB 2.0 and (2) USB 3.0 on Rear
- (2) USB 3.0 on Front

SERIAL

- (2) RS-232 on Rear

NETWORK

- (2) RJ45 1 Gbe Connectors

POWER SUPPLY

- Dual 740 Watt Redundant Hot swappablesupplies (80 Plus Platinum)

POWER REQUIREMENTS

- AC Input 100-240V, 60-50Hz, 9 Amp Max, 3.2 Amps @120VAC Typical

VIDEO

Supported Video Standards:

- SD-SDI: 525i NTSC, 625i PAL
- HD-SDI: 1080i, 1080PsF, 720p, 1080p60
- UHD - Quad Link SDI: 3840p60

Output Support:

- 2 SD/HD Video/Key Pair
- 1 Quad 3G HD Video/Key Pair

Data Format (SD):

- SD 10-bit, 270 Mb/s ITU-R Bt.601 SMPTE 259M-C
- SD 10-bit, 270 Mb/s ITU-R Bt.656-4

Data Format (HD):

- HD 10-bit, 1.485 Gb/s ITU-R Bt.709 SMPTE
- 292M, 3G 8-bit 2.97 Gb/s

Data Format (UHD):

- 4x 3G 8-bit 2.97 Gb/s ITU-R Bt.709 SMPTE
- 424M, Level A and Level B Dual Stream

Genlock:

- 1 Analog Black Burst or Tri-Level Sync, 75 ohms

Connector Type:

- SDI Video—HD-BNC connector

ABOUT CHYRONHEGO

ChyronHego, a portfolio company of Vector Capital, is a global leader in products, services, and solutions for the broadcast and sports industries. Specializing in live television, news, and sports production, ChyronHego offers some of the industry's most widely deployed solutions — including Lyric®, the world's most popular broadcast graphics creation and playout offering; the all-new CAMIO® Universe newsroom workflow; and TRACAB® Optical Tracking, the global leader in optical sports tracking systems as well as Click Effects, the most proven and versatile stadium broadcast family of graphics products. Headquartered in Melville, New York, ChyronHego also has offices in the Czech Republic, Denmark, Finland, Germany, Mexico, the Netherlands, Norway, Singapore, Slovak Republic, Sweden, and the United Kingdom.

For more information on ChyronHego, visit www.chyronhego.com.

CONTACT CHYRONHEGO SALES AND SCHEDULE A DEMONSTRATION TODAY @

NORTH AMERICA
+1 631 845 2000 | noram@chyronhego.com

EMEA
+46 8 534 88 397 | emea@chyronhego.com

LATIN AMERICA
+1 305 972 1396 | latam@chyronhego.com

ASIA/PACIFIC
+65 64071330 | asia@chyronhego.com

JOIN THE CONVERSATION ONLINE WITH CHYRONHEGO @

f facebook.com/chyronhego

y twitter.com/chyronhego

in linkedin.com/company/chyron

You Tube youtube.com/chyronmelville

www.chyronhego.com

MORE INFORMATION ABOUT LYRICX HX AND THE FULL PRODUCT LINE:
HTTP://CHYRONHEGO.COM