



# LYRICX

## HX & MX PLATFORM

### TECHNICAL SPECIFICATIONS



# LYRICX MX

## TECHNICAL SPECIFICATIONS

### GENERAL SYSTEM

- **Height:** 3.5 in (89 mm)
- **Width:** 17.2 in (437 mm)
- **Depth:** 24.8 in (630 mm)
- **Weight:** 22.7 kg/50 lbs.
- **Power Supply:** Dual 740 Watt Redundant Hot Swappable Supplies (80 Plus Platinum)
- **Power Requirements:** AC Input 100-240V, 60-50Hz, 9 Amp Max, 3.2 Amps @ 120VAC Typical
- **OS:** Windows 7 Ultimate 64-bit
- **Processor Family:** Intel Socket2011-v3 Septa-Core Processor
- **Memory:** 32 GB DDR4-2400
- **GPU:** NVIDIA® GPU, Quadro 4000 series
- **USB:** (2) USB 2.0 on Rear, (2) USB 3.0 on Rear and (2) USB 3.0 on Front
- **Serial:** (2) DB9 RS232 Serial Ports
- **Network:** (2) RJ45 1 Gbe Connectors

### STORAGE

- **System:** 2x200 GB SSD (Raid1)
- **Media:** 4x400 GB SSD (RAID5, over 1 TB usable)  
\*Optional expansion available

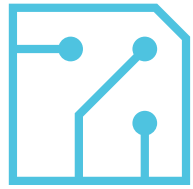
### SDI IO (IF EQUIPPED)

- **Supported Video Standards:**
  - » **SD-SDI:** 525i NTSC, 625i PAL
  - » **HD-SDI:** 1080i, 1080PsF, 720p, 1080p60
- **Data Format:**
  - » **SD:** 10-bit, 270 Mb/s ITU-R Bt.601 SMPTE 259M-C
  - » **SD:** 10-bit, 270 Mb/s ITU-R BT.656-4
  - » **HD:** 10-bit, 1.485 Gb/s ITU-R Bt.709 SMPTE 292M
- **Genlock:** Bi-level & Tri-level Analogue Genlock
- **Connector Type:** HD-BNC Connector

- **IO Configuration:** Up to 4 reconfigurable SDI Ports
    - » Two (2) Video/Key outputs
  - OR-
  - » One (1) Video/Key output
  - » One (1) SDI preview output
  - » One (1) SDI input
- OR-
- » One (1) Video/Key output
  - » Two (2) SDI inputs
- **Embedded Audio:** SDI Outputs: 8 per channel

### HW/SW OPTIONS

- **GPI:** 16 (8 IN/8 OUT)
- **AES Audio:**
  - » **AES Outputs:** 4 AES3id for 8 mono tracks
  - » **AES Connector Type:** BNC, unbalanced
- **Additional Storage:** Expandable in 400 GB increments, up to an additional 800GB.



# LYRICX HX

## TECHNICAL SPECIFICATIONS

### GENERAL SYSTEM

- **Height:** 3.5 in (89 mm)
- **Width:** 17.2 in (437 mm)
- **Depth:** 24.8 in (630 mm)
- **Weight:** 22.7 kg/50 lbs.
- **Power Supply:** Dual 740 Watt Redundant Hot Swappable Supplies (80 Plus Platinum)
- **Power Requirements:** AC Input 100-240V, 60-50Hz, 9 Amp Max, 3.2 Amps @ 120VAC Typical
- **OS:** Windows 7 Ultimate 64-bit
- **Processor Family:** Intel Socket 2011-v3 Octa-Core Processor
- **Memory:** 64 GB DDR4-2400
- **GPU:** NVIDIA® GPU, Quadro 5000 series
- **USB:** (2) USB 2.0 on Rear, (2) USB 3.0 on Rear and (2) USB 3.0 on Front
- **Serial:** (2) DB9 RS232 Serial Ports
- **Network:** (2) RJ45 1 Gbe Connectors

### STORAGE

- **System:** 2x200 GB SSD (Raid1)
- **Media:** 4x800 GB SSD (High Performance RAID5, over 2 TB usable)  
\* Optional expansion available

### SDI IO (IF EQUIPPED)

- **Supported Video Standards:**
  - » **SD-SDI:** 525i NTSC, 625i PAL
  - » **HD-SDI:** 1080i, 1080PsF, 720p, 1080p60
- **Data Format:**
  - » **SD:** 10-bit, 270 Mb/s ITU-R Bt.601 SMPTE 259M-C
  - » **SD:** 10-bit, 270 Mb/s ITU-R BT.656-4
  - » **HD:** 10-bit, 1.485 Gb/s ITU-R Bt.709 SMPTE 292M
- **Genlock:** Bi-level & Tri-level Analogue Genlock
- **Connector Type:** HD-BNC Connector

- **IO Configuration:** Up to 8 reconfigurable SDI Ports
- Up to two (2) Video/Key outputs
- Up to two (2) SDI fill preview outputs
- All remaining ports can be used as inputs (Video or Video/Key)
- **Embedded Audio:** SDI Outputs: 8 per channel

### HW/SW OPTIONS

- **GPI:** 16 (8 IN/8 OUT)
- **AES Audio:**
  - » **AES Outputs:** 4 AES3id for 8 mono tracks
  - » **AES Connector Type:** BNC, unbalanced
- **Additional Storage:** Expandable in 800 GB increments, up to an additional 5 TB.

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## 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<sup>®</sup>, the world's most popular broadcast graphics creation and playout offering; the all-new CAMIO<sup>®</sup> Universe newsroom workflow; and TRACAB<sup>®</sup> 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](http://www.chyronhego.com).

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