



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 10 Professional 64-bit
- **Processor Family:** Intel Socket2011-v4 Septa-Core Processor
- **Memory:** 32 GB DDR4-2400
- **GPU:** NVIDIA® GPU, Quadro P4000 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

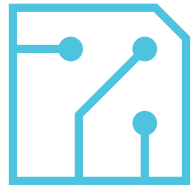
SDI IO (IF EQUIPPED)

- **Supported Video Standards:**
 - » **SD:** 525i NTSC, 625i PAL
 - » **HD:** 1080i, 720p, 1080p
- **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
 - » **HD:** 10-bit, 2.970 Gb/s ITU-R Bt.709 SMPTE 424M
- **Genlock:** Bi-level & Tri-level Analogue Genlock (REF or SDI in)

- **Connector Type:** HD-BNC Connector
- **IO Configuration:** Up to 4 reconfigurable SDI Ports (Outputs: V+K pairs only, Inputs: V/K or V)
 - » Two (2) Video/Key outputs
- OR-
- » One (1) Video/Key output
- » One (1) Video/Key preview output
- OR-
- » One (1) Video/Key output
- » Two (2) Video inputs
- OR-
- » One (1) Video/Key output
- » One (1) Video/Key input
- » **Embedded Audio:** SDI Outputs: 8 pairs per channel

HW/SW OPTIONS

- **GPI:** 16 (8 IN/8 OUT)
- **Additional Storage:** Expandable in 400 GB increments, up to an additional 800GB.



LYRICX HX

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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 10 Professional 64-bit
- **Processor Family:** Intel Socket 2011-v4 Octa-Core Processor
- **Memory:** 64 GB DDR4-2400
- **GPU:** NVIDIA® GPU, Quadro P5000 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:** 525i NTSC, 625i PAL
 - » **HD:** 1080i, 720p, 1080p
 - » **UHD:** 2160p (QFHD)
- **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
 - » **HD:** 10-bit, 2.970 Gb/s ITU-R Bt.709 SMPTE 424M
 - » **UHD:** 10-bit, 2.970 Gb/s ITU-R Bt.2020 SMPTE ST 425-5

- **Genlock:** Bi-level & Tri-level Analogue Genlock (REF or SDI in)
- **Connector Type:** HD-BNC Connector
- **IO Configuration:** Up to 8 reconfigurable SDI Ports (Outputs: V+K pairs only, Inputs: V/K or V)
 - » Up to two (2) Video/Key outputs
 - » Up to two (2) Video/Key preview outputs
 - » All remaining ports can be used as inputs (Video or Video/Key)
- **Embedded Audio:** SDI Outputs: 8 pairs per channel

HW/SW OPTIONS

- **GPI:** 16 (8 IN/8 OUT)
- **Additional Storage:** Expandable in 800 GB increments, up to an additional 5 TB.

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 SALES AND
SCHEDULE A DEMO @

NORTH AMERICA

+1.631.845.2000 |

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+46 8 534 88 300 |

LATIN AMERICA

+1.305.972.1396

ASIA/PACIFIC

+65.64071330 |

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