

KEY FEATURES

1. Optimized 3U chassis with redundant: 3x 12cm Hot-swap double bearing cooling PWM Fans
2. Additional high efficiently 2x 6cm PWM Fans
3. 16x hot-swap drive bays supporting 3.5" and 2.5" drives without adapters.
4. Direct Attached SATA backplane
5. 7 full-height & full-length expansion slot(s)
6. Redundant (1+1) 800W Platinum high efficiency power supplies
7. Palletized package for secure transportation
8. Up to 16 hot-swap drives with optional 2 x 2.5" drive bay



**Image above may show a varied configuration of optional parts. Please refer to parts list below for parts included.*

SPECIFICATIONS

Form Factor	
3U chassis - supports for maximum motherboard sizes: 13.68" x 13" E-ATX and ATX	
Processor Support	
Dual and Single Intel® and AMD processors	
Expansion Slots	
7 full-height & full-length expansion slot(s)	
Drive Bays	
16x 3.5"/2.5" hot-swap SATA drive bays	
Backplane	
16-port 3U SATA direct-attached backplane, support up to 16x 3.5-inch SATA HDD/SSD	
Peripheral Drives	
None	
Front Panel	
Buttons	<ul style="list-style-type: none"> • Power On/Off button • System Reset Button
LED's	<ul style="list-style-type: none"> • Power LED • Power Fail LED • System Overheat LED • 2 Network Activity LEDs
Ports	<ul style="list-style-type: none"> • USB 3.0 + USB 2.0
Chassis SKU	
Stream Labs: SL-3U-16R20	

Systems Cooling	
Fans	<ul style="list-style-type: none"> • 3x 12cm Hot-swap PWM Fans • 2x 6cm highly efficient PWM Fans
Environment	
Operating Temperature	5°C - 35°C (41°F - 95°F)
Storage Temperature	-40°C - 70°C (-40°F - 158°F)
Operating Relative Humidity	10% - 85% (non-condensing)
Power Supply	
2U, 800W Double Redundant Power Supply with PMBus	
Power Efficiency	91 %
Total Output	800W
Dimensions	270mm x 80mm x 85mm
DC Output	+12V 65A; +12VSB 3A
Power class	80 Plus Platinum
Certifications	FCC, CUL, CE, RoHS, BIS, CCC
Dimensions	
H x W x D	132mm x 435mm x 671mm
Gross Weight	25kg (57.3lbs)
Packaging	250mm x 600mm x 900mm
Color	Silver body with black front.

APPLICATIONS

- + Video monitoring and analysing systems – up to 200x channel¹ capacity
- + Multiviewing systems – up to 100x channel¹ capacity
- + Heavy load GPU power systems with up to 16x screen connectivity
- + Storage systems – up to 220TB² real available space through RAID operation
- + Recording systems – up to 50x channel¹ capacity recorded for months³
- + Broadcasting and playout systems – up 20x channel¹ capacity
- + Encoding and Transcoding systems with up to 6x bi-directional card support



¹ Standard Definition channels, real channel count depends from their resolution and signal sources
² RAID5 calculation, may vary from particularly selected drives (±5%)
³ Depends from storage configuration and target bitrate/codec
 The image above may show a different series servers, with different configurations and form factor.

ORDER CODES

Standard Parts List

	Part Number	Qty	Description
SATA / SAS backplane	DH-6GMSAS-08B	1	16-port 3U direct-attached backplane
Front Power Panel	CBL-MB-PW/RST	1	Front control board w/16 to 16 pin & USB,750mm cables
Fan	FAN-012-2R16	3	Middle HDD 12cm Hot-swap PWM Fan w/Housing
Fan	FAN-006-2R16	2	Rear 6cm highly efficient PWM Fan
Front Panel	SL-FP-16R20	1	'Stream Labs' Front panel with BLUE led lighting w/USB cable
Drive Tray	DRV-35-18659-B	16	Hot-swap 3.5"/2.5" drive tray - Black
Power Distributor	GW-CRPS800-2H	1	GreatWall 24 pins Redundant Power Distributor
Accessory	AC-HND-16R20	1	Blue chassis handles (pair)
Power Supply	GW-CRPS800B	2	GreatWall 800W 1U Platinum Level PWS With PMBus
Mounting Rail	RL-MP4258	1	Full size rail set for 2U & 3U servers
SSD bracket	HT-5568-2	1	Bracket for mounting up to 2x 2.5" SSD drives
Screw box	AC-R20-004	1	Accessory screw set for server maintenance

Optional Parts List

	Part Number	Qty	Description
Power Distributor	DH-800P	-	700w 2u 24pin Single Power Supply Unit
Cable	CBL-T96L	-	23cm, 4pins to 4 pins fan extension cord, for PWM fan
Rear Bezel	GT-R20-560V	-	Silver Rear Bezel Assembly for Single PSU