

**Qubex** 6-bay desktop workstation RAID has been designed and developed for today's most demanding digital content creation and streaming media applications. Featuring state of the art Dual 4Gbit Fibre Channel or Ultra320 SCSI host interface to the latest SATA II drive technology.

With storage capacities of up to 3TB, **Qubex** enables AV professionals to leverage state of the art RAID and drive technologies in a seamless, highly reliable, cost-effective, desktop storage solution.

Built around a high-speed 64-Bit RAID controller, the 4Gbit Fibre Channel **Qubex** delivers sustained READ/WRITE performance of over 300+MB/s per channel. Whether you work with DV, HDV, SD or HD material, **Qubex** meets your performance needs when it matters.



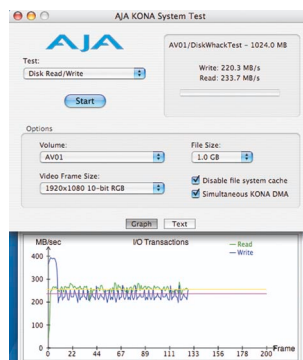
Compatible with Linux, Mac, Unix and Windows platforms, as well as major brands of video editing, capture and playback cards, devices and software.

**Qubex** delivers outstanding performance at an industry leading price/performance ratio.

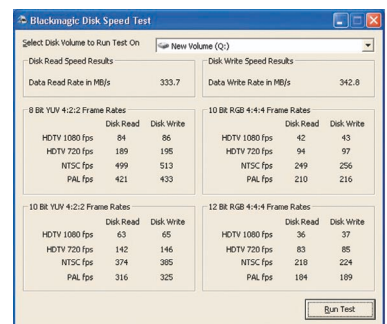
**KEY FEATURES**

- Dual 4Gbit Fibre Channel or single Ultra320 SCSI host interface
- State of the art 64-bit RAID controller with selectable RAID levels: 0, 1, 0+1, 3, 5, 6
- Up to 6x SATA-II hot-swap drives, 250GB/300GB/400GB/500GB
- Up to 3TB capacity in a single unit
- 300+MB/s sustained READ/WRITE performance per channel
- Supports real-time SD and HD video applications
- Whisper Quiet, variable speed fan
- Push button LCD for easy set-up & configuration
- WEB based RAID management via onboard ethernet
- Dual external hot-swap power supplies
- AJA and Blackmagic certified

AJA System Test benchmark results of KONA, QX-652-FC4, ATTO FC-42XS in a G5 with RAID-5 configuration.



Blackmagic Disk Speed Test benchmark results of Decklink HD Pro, QX-652-FC4, ATTO FC-42XS in a G5 with RAID-0 configuration.



Disk Read Speed Results		Disk Write Speed Results	
Data Read Rate in MB/s	333.7	Data Write Rate in MB/s	342.8
<b>8 BR VLV 4:2:2 Frame Rates</b>			
HDTV 1080 fps	84	86	
HDTV 720 fps	189	196	
NTSC fps	499	513	
PAL fps	421	433	
<b>10 BR RGB 4:4:4 Frame Rates</b>			
HDTV 1080 fps	42	43	
HDTV 720 fps	94	97	
NTSC fps	249	256	
PAL fps	210	216	
<b>10 BR VLV 4:2:2 Frame Rates</b>			
HDTV 1080 fps	63	65	
HDTV 720 fps	142	146	
NTSC fps	374	385	
PAL fps	316	325	
<b>12 BR RGB 4:4:4 Frame Rates</b>			
HDTV 1080 fps	36	37	
HDTV 720 fps	83	85	
NTSC fps	218	224	
PAL fps	184	189	





**TECHNICAL  
SPECIFICATIONS**

<b>Product Codes</b>	<b>QX-652-FC4</b> (4GBit Fibre Channel to SATA-II) <b>QX-651-U4</b> (Ultra320 SCSI to SATA-II)
<b>Inbuilt Controller</b>	Intel 80321 400MHz 64-bit I/O processor
<b>Cache Memory</b>	128MB onboard DDR200 SDRAM cache with ECC protection
<b>RAID Levels</b>	JBOD, 0, 1, 0+1, 3, 5 and 6
<b>Data Transfer Rates</b>	Up to 400MB/sec (dependent on host/applications/model)
<b>Hard Disk Drives</b>	Up to 6x SATA-II Disk Drives (1" high)
<b>Interface: Host Bus</b>	Dual 4GBit Fibre Channel / Single Ultra320 SCSI
<b>Disk Bus</b>	Serial ATA
<b>Maximum Capacity</b>	3 Terabytes using 500GB HDDs
<b>Host Requirement</b>	Host Independent and Transparent
<b>Operating Systems</b>	OS Independent and Transparent
<b>Data Rebuild</b>	Automatic Data Regeneration
<b>Input Voltage</b>	100/240V, 47/63Hz (+/-10%) autoswitching
<b>Power Supply Capacity</b>	Dual 150W Hot-Swap External Power Supplies
<b>Relative Humidity</b>	15% to 80% Non-condensing
<b>Operating Temperature</b>	5°C to 40°C
<b>Form Factor</b>	Compact Desktop Tower
<b>Non-Operating Temp</b>	-40°C to 70°C
<b>Dimensions</b>	190mm(W) x 290mm(D) x 240mm (H)
<b>Weight</b>	14 KG (without disk drives)

NB: Specifications subject to change without prior notice. Various trademarks belong to their respective owners

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**State of the art 64-Bit RAID Controller**  
Selectable RAID levels 0, 1, 0+1, 3, 5, 6

**Easy set-up/configuration**  
push button LCD



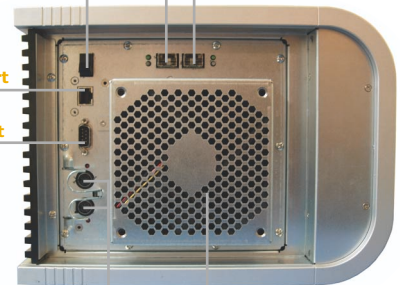
**6x hot-swap SATA-II drive bays**  
250GB/300GB/400GB/500GB  
7200rpm hard drives

**Power**  
on/off switch

**Dual 4Gbit**  
Fibre Channel Interface

**Web Management Port**  
RJ45 Ethernet Connector

**Terminal Management**  
RS-232 Connector



**Single or Dual**  
Power Supply  
Connectors

**Whisper Quiet**  
Variable Speed Fan

