



## Highlights

- Easy to use
- Low maintenance
- Compact enclosure with huge 2TB storage capacity
- High performance
- Firewire 800 or USB 2.0 host connection
- Supports IDE drives offering low cost of ownership
- Online RAID expansion
- Supports RAID levels: 0,1, 0+1, 3, 5 or JBOD
- Instant availability and background initialization
- Web browser based or RS-232 OS independent RAID management

## Overview

The FX-605 series is our most cost effective RAID subsystem to date and has been achieved without compromising performance or functionality. The high end performance and advanced features of this hardware based RAID subsystem require minimal technical maintenance, making the FX-605 an ideal solution for end users who want hassle-free mass storage.

The FX-605FW/USB features Firewire 800 or USB 2.0 Host connection enabling easy plug and play connection to any Apple Macintosh or Windows environment, without any software or drivers required.

The combined ease-of-use, high performance and large storage capacity means the FX-605 is a perfect solution for any pre-press or post-production environment. The FX-605 is also ideal for additional storage for any server, or as a back-up device.

The FX-605 is compact and portable, yet offers an impressive storage capacity of up to 2 Terabytes of RAID 0 storage, or 1.6 Terabytes of storage with RAID 5 configuration.

The quality of the FX-605 is clearly demonstrated by the long list of advanced features including: multiple RAID sets, multi volumes with concurrent access, online RAID expansion, NVRAM transaction log, 64bit internal PCI memory bus, hot standby drive, instant availability with background initialization and much more.

The FX-605 outperforms any competition in the same price class. The FX-605FW is a truly versatile product from Fibrenetix, perfect for any end-user environment where problem-free mass storage is a requirement.

## Features

- Hardware RAID controller with 64-bit RISC processor
- 5x IDE drive channels
- High performance Firewire 800 or USB 2.0 host connection
- RAID levels 0,1,0+1, 3, 5 and JBOD
- OS independent and transparent
- Supports multiple RAID sets
- Array roaming - seamless movement of HDDs without any loss of configuration or data
- Online stripe size migration
- Online capacity expansion
- Online RAID level migration
- Automatic and transparent hot spare rebuild
- Hot-swappable drives
- Instant availability and background initialization
- Automatic drive insertion / removal detection and rebuild
- NVRAM for transaction log
- Write-through and write-back cache support
- WEB based RAID management via HTTP Proxy
- Firmware embedded manager via LCD control panel or RS-232 port



## Caen Engineering, Inc.

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# FibreNetix 605FW

## Specifications

### RAID Controller

Toshiba TMPR4927 200 MHz 64-bit RISC processor

### RAID Design

Cableless Backplane Integration

### Max. Supported # Drives

5x IDE HDDs

### Hot-swappable disk drives

### Supported RAID Levels

JBOD, 0, 1, 0+1, 3 & 5

### Memory

64 MB Standard

### Host Bus Interface

2x Firewire 800 1x USB 2.0

### Host Bus Channels

3 Channels



### Disk Bus Interface

Low-profile (1" high) Ultra ATA  
133 HDDs

### Disk Bus Channels

5 Independent Channels

### Host-Independent

### Operating Systems Supported

Windows Server 2003, Windows 2000, MSCS (Microsoft Cluster Server) Windows NT, Windows XP-Pro, Sun-Solaris, Linux, true64 Unix, HP-UX, IBM-AIX, SGI-IRIX, MAC-OS, Free BSD

### HDD supported max. Capacity

400 GB

### Maximum Subsystem Capacity

2 TB in RAID-0, 1.6 TB in RAID-5 (Max. security)

### Drive Temperature Sensors

Yes, One per Drive-Slot.

### Redundant Components

HDD

### Management

RS-232, Web-browser GUI management



### Alerts

Audible alarm, LEDs, RS-232, Web-browser, LCD Pan

### I/O connectors

1x Firewire 400, 2x Firewire 800, 1x USB 2.0, 1 DB9 type RS-232 Terminal port

### Power Requirements & Certifications

110/240 VAC, 60/50 Hz. Auto-sensing. FCC Class-A & CE compliant TUV, UL1950, CSA-950

### Operating Temperature

5°C to 40°C

### Non-Operating Temperature

-40°C to 70°C

### Relative Humidity

10% to 85% non-condensing

### Form Factor

Compact 5-bay Tower

### Size

190mm(W) x 290mm(D) x 240mm(H)

### Weight

5 KG (w/o disks)

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