

ROBUST DATA ARCHIVING

Network Video Recorder

FX40



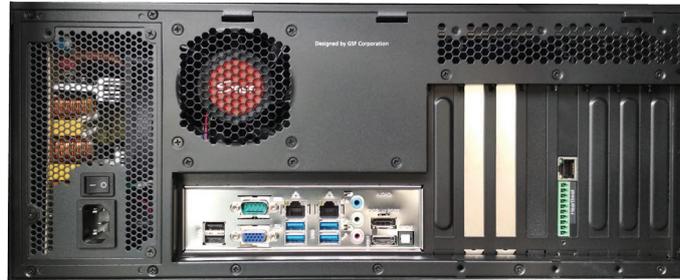
ECA-FX40 is the most cost effective solution designed for long term video archiving.

Built specifically for applications that required long term data analysis.

- Ultimate processing technology for up to 600Mbps VMS workloads
- Up to 150 Terabytes (TB) of video storage with 15 hot swap HDD bays
- Configurable to Redundant Storage System (RSS), in dual parity mode, allow for dual disk failures before any data is lost.
- Optional support on high availability and highly scalable Storage Space Direct as SAN or NAS
- Automatic network fail-over feature to ensure uninterrupted recording operations
- Automatic daily hard disk drive health check, disk guard and recording activity for potential CCTV no recording monitoring
- Comes with 3 years next business day warranty*. Optional TrueBlue Care support Pack..

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Storage

Dedicated Video Storage (Internal)

Fifteen (15) hot swap HDDs bay for dedicated video storage support
15units x 3.5inch SATA HDDs
One internal dedicated SSD for OS use only.

Redundant Storage System (RSS*)

3 HDDs above support to single-parity or
7 HDDs above support to dual parity.

*Powered by Microsoft® Storage Space Technology

Optional : Storage Space Direct as SAN or NAS

*Powered by Microsoft® Storage Server 2019

Display

Triple Monitor Output Supported

VGA/HDMI/DP

Max resolution 4096x2304@60Hz (DP)

Max resolution 4096x2160@24Hz (HDMI 1.4)

Max resolution 1920x1200 (VGA)

Electrical & Dimension

Power Consumption

Line Voltage : 110 / 240V AC (auto select)

Frequency : 50-60Hz, single phase

Power Outputs rated : 600W (max), 80 Plus Certified

Continuous power consumption: ~140W*

* Platform only, not inclusive dedicated video storage HDDs.

Please refer HDDs datasheet.

Size & Weight

Depth : 465mm

Width : 430mm

Height : 176mm

Weight : 21kg / with packaging : 26kg

Form Factor : 4U Rack Mount

Service & Warranty

3* years extended hardware warranty

3* years carry-in next business day parts replacement

3# years next business day on site parts replacement

* with optional TrueBlue™ Care Support Pack or

TrueBlue™ Care Premium. (Default system warranty is 1 year only)

Purchase the TrueBlue™ Care Pack to extend your

warranty to three years or TrueBlue™ Care Premium for

“machine failed” onsite support from your purchase date.

Carry-in support centre at TrueBlue CC

@ IOI Boulevard, Puchong, Selangor D.E. Malaysia

Hardware Platform (ECA 4)

Networking & Audio

Redundant Fail-over. Dual LAN (RJ45 connector)

10/100/1000 Base-T Gigabit Ethernet

Audio line out jack, 3.5mm (Green) /HDMI/DP

Digital Audio Support

Heartbeat

IOT connected micro controller for system auto healing and

monitoring. Digital I/O. connectable to CMS Alarm.

12-hour self sustain with built-in lithium polymer battery.

Processor & Memory

Intel Xeon E3 Quad-core 8 threads processor

8GB / 16GB / 32GB ECC system memory, 2666MHz DDR4

Security Key

2048-bit RSA encryption.

Paired uniquely for each machine.

For system authentication, save settings and system recovery

Software Built-in (ECAOS 5)

Operating System (OS)

Triple Layer eca-OS version 5. 64bits OS architecture.

OS core engine powered by Microsoft® Windows 10

Enterprise.

System Monitoring Software

Guardian software watchdog for NVR, which monitors

application and general system health.

Video Management Software or 3rd Party Software

Any software that support to Window 10 x64bits

(*Contact us for other supported software)

Intelligent Software Sensors

Smart Logic, video content monitoring sensors, with

automatic daily hard disk drive health check, disk guard,

disk activity monitoring for potential CCTV no recording

activity, and network traffic in/out activity monitoring.