ECA\

WORKLOAD OPTIMIZED
Processing Server

MX40
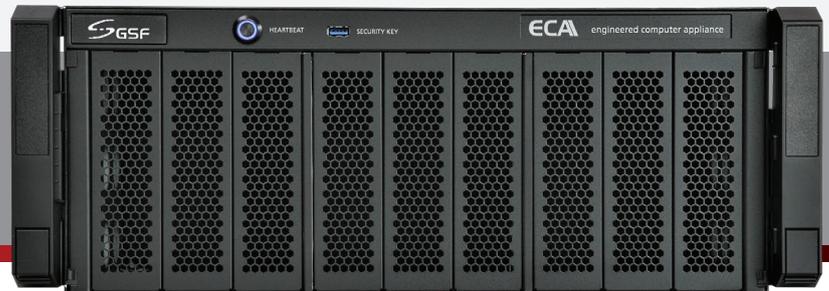
ECA-MX40 is small in price but big in performance video processing server that is specially designed for continuous 24x7 video processing. It is best built for video management and video analytics purpose.

Even small businesses deserve top-of-the-line CCTV technology that is durable, feature-packed and cost e˜cient. This MX Series perform like a pro, yet it is easy on your pocket.

- Ultimate processing technology that support Intel or nVidia Accelerator
- Up to 50 Terabytes (TB) of internal storage
- Automatic network fail-over feature to ensure uninterrupted recording operations
- Installed with Heartbeat 2 microprocessor for machine automation
- Featured Shield technology is a virtual overlay that protect your system from read only
- Ensure peace of mind with the 3 years next business day warranty*. Optional TrueBlue Care support Pack.
- Cloud connected machine monitoring*

GSF

MX40
Video Processing Server
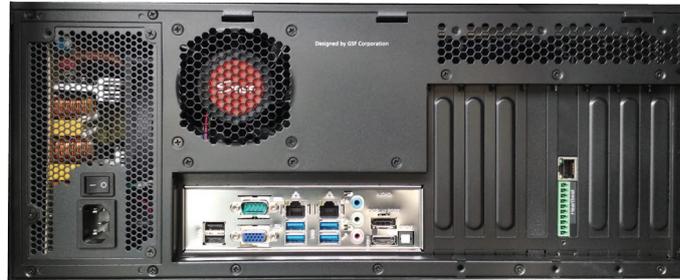
Storage

Dedicated Video Storage (Internal)
Two (02) internal HDDs bay for dedicated storage support
2units x 3.5inch SATA HDDs
One internal dedicated SSD for OS use only.

Redundant Storage System (RSS*)
2 drives mirroring
* Powered by Microsoft® Storage Space Technology
* Max Storage : 5 units internal drive with optional HDD tray

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 Certiÿed
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 : 13kg / with packaging : 18kg
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.