ernitec

Ernitec BUILD-ER1200-ESR

8bay Tower survaliance server

> Supports up to 1200 megapixel fps recording

> Dual Gigabit network card

> 8 Hot Swappable HDD bays

> 1GB Video Adapter with VGA, DVI and HDMI outputs

> ESR – smart recovery solution

> Windows® OS installed on dedicated hard disk drive

> 3 year Warranty

The Build-ER1200-ESR is a powerful line of surveillance recorders that are optimized to work with NVR Software for sensitive & long-term storage of IP/Megapixel cameras.

The Build-ER1200-ESR is engineered to optimize the way processor, memory, graphics, OS and software technology work together to deliver massive recording power

The Build-ER1200-ESR brings new standards to the marked with specialty developed configuration GUI for language selection, network settings that simplifies the installation and together with the unique ESR software developed to backup the complete machine including OS and VMS settings.

All systems have been hardware tested between 24 to 72 hours together with more than 60 unique systems settings before leaving the assembling line to make sure that the system will run perfect 24 hours per day year after year.

The special Health hardware management software and the e-mail server notification give you early warnings if a problem is coming

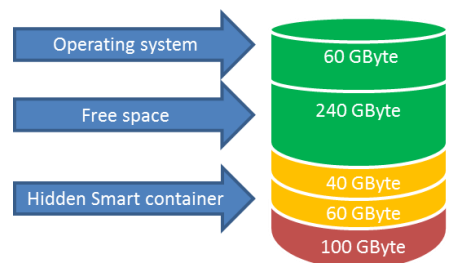# Ernitec Smart Recovery software – Ernitec Build-ER1200-ESR

Ernitec Smart Recovery is the first and currently only recovery tool for surveillance servers and are designed especially for the surveillance marked.

ESR can saves you a huge amount of time/money on trying to find an error – now all software errors can be fixed at the customers location.

- Backup the complete machine including OS and VMS settings.

- With ESR you no longer have to think about having a backup of every system you use.

- The most reliable recovery solution for surveillance servers on the market.

- Choose between Factory, Reseller 1, Reseller 2 and Customer image that can boot your server, even after a severe crash.

- Recover thecomplete machine including OS and VMS settings.

- ESR works on Windows 7, 8, 2008 & 2012 operating system and its applications without re-installation.

- ESR is pre-installed on all Ernitec ESR servers

Operating system	60 GByte
Free space	240 GByte
Hidden Smart container	40 GByte
	60 GByte
	100 GByte

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Upgrade options – Ernitec Build-ER1200-ESR

Customize options for the Build-ER survaliance server so if fits to your specifik needs.

All hard drives are Enterprice performance drives that are optimized for 24/7 sursurvaliance use. The hardware 8ch RAID controller supports 1.5, 3.0 and 6.0 Gb/s SAS and SATA data transfer rates on all channels and the professional graphics card renders pristine image quality on up to four DisplayPort monitors at resolutions up to 2560 x 1600 per output .

Storage	
Build-1TB-SATA-HDD-ESR	24/7 HDD SATA industrial 7200rpm
Build-2TB-SATA-HDD-ESR	24/7 HDD SATA industrial 7200rpm
Build-3TB-SATA-HDD-ESR	24/7 HDD SATA industrial 7200rpm
Build-4TB-SATA-HDD-ESR	24/7 HDD SATA industrial 7200rpm
Build-1TB-SAS-HDD-ESR	24/7 HDD SAS, 7200rpm optimized for RAID controller
Build-2TB-SAS-HDD-ESR	24/7 HDD SAS, 7200rpm optimized for RAID controller
Build-3TB-SAS-HDD-ESR	24/7 HDD SAS, 7200rpm optimized for RAID controller
Build-300GB-SAS-15K-HDD-ESR	24/7 HDD SAS, 15000rpm optimized for RAID controller

RAID	
Build-8ch-RAID-controller	8ch controller, 6 GB/s per port, 0,1,5,6,10,50,60 + hot spare
Build-RAID0-Setting	RAID config setting
Build-RAID1-Setting	RAID config setting
Build-RAID5-Setting	RAID config setting
Build-RAID10-Setting	RAID config setting
Build-RAID50-Setting	RAID config setting
Build-hotspare	RAID config setting

OS	
Build-Win2008-64bit	OS and RAM upgrade option to 64bit

Graphic controller	
Build-ERC-4monitor	Graphic card for 4 monitors with 4 displayport or 4 DVI output
RACK option	
RACKKIT	For BUILD-ER1200-ESR

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Technical Specification – Ernitec Build-ER1200-ESR

Features	
Recording frame rate at resolution 1280 x 720	Max. 1200 / MJPEG
System Hard drive with OS	2 (1+1) / RAID 1
Optisk drive	DVD-rw
Graphic controller	1GB - VGA, DVI, HDMI (op to 2560x1600)
Ernitec ESR software	Yes
Closed Network E-mail to client	Yes
Auto-rebooting after power failure	Yes

Storage	
Storage interface	SATA / SAS with RAID controller option
Storage included	-
Storage bays	8x 3,5" hot swap bays
RAID controller upgrade option	8ch controller, 6 GB/s per port, 0,1,5,6,10,50,60 + hot spare
Storage hard drive options	se upgrade options for more info

OS support	
OS	Windows 7 ultimate 64bit
Upgrade option	Windows 2008 R2 64bit

CPU / Memory	
CPU	INTEL Core I7-3770 3,1GHz LGA1155
CPU upgrade option	no
Memory	4x 2GB DDR3 1333MHz (8GB)

Cooling	
Fan type	4x 80mm Hot-swap 4-pin PWM Fans
Hot swap Fan	4

On-Board Devices	
Keyboard / mouse	PS / 2 shared connector
Chipset	Intel P67 Express chipset
Audio	Realtek ALC889 7.1HD, Line-in / Line-out / Microphone ports
USB ports	2x USB 3.0 + 12x USB 2.0
Network card	2x Gigabit LAN ports Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
Embedded RAID Controler	Embedded Onboard RAID for system hard drive

Power	
Fix PSU	665W high-efficiency power supplies with PMBus
Power requirements	100v -240V AC/50-60Hz/500W

Management	
Power Configurations	ACPI / ACPM Power Management, Main Switch Override Mechanism, Wake-On-LAN (WOL) header, Keyboard Wakeup from Soft-Off, Power-on mode for AC power recovery
Software	SuperDoctor III

Dimensions / Weights	
Form Factor	4U Tower
Rack option	Yes, RACKKIT
Dimensions (HxWxD mm)	452x178x648
Weight	29,6KG

General	
Languages	25 including : English, German, French, Spanish, Dutch, Danish, Italian, Finnish
Operation conditions	Temperature range from +5°C to +35°C
Operating Relative Humidity Range	8% ~ 90% (non-condensing)
warranty	3 years
Included accessories	1x OPTICAL MOUSE BLACK/USB PS2, CAT6 2M GREY, CAT6 2M BLUE, Power Cord schuko 2M , Power 2M UK,
Part number	Build-ER1200-ESR

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