

## Ernitec BUILD-ER1200

8bay Tower surveillance 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
- > Windows® OS installed on dedicated hard disk drive
- > 3 year Warranty

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

The Build-ER1200 brings new standards to the market with 93% efficient power supplies, new Intel® P67 chipset Technology architecture, new 2nd generation Intel® Core i Processors' with integrated memory controllers, to get maximum I/O bandwidth, USB 3.0, optical drives and up to 6Gbps per storage bays.

All systems have been 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

## Upgrade options – Ernitec Build-ER1200

Customize options for the Build-ER surveillance server so it fits to your specific needs.

All hard drives are Enterprise performance drives that are optimized for 24/7 surveillance 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	24/7 HDD SATA industrial 7200rpm
Build-2TB-SATA-HDD	24/7 HDD SATA industrial 7200rpm
Build-3TB-SATA-HDD	24/7 HDD SATA industrial 7200rpm
Build-1TB-SAS-HDD	24/7 HDD SAS, 7200rpm optimized for RAID controller
Build-2TB-SAS-HDD	24/7 HDD SAS, 7200rpm optimized for RAID controller
Build-3TB-SAS-HDD	24/7 HDD SAS, 7200rpm optimized for RAID controller
Build-30GB-SAS-15K-HDD	24/7 HDD SAS, 7200rpm 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-Win7-64bit + 8GB RAM	OS and RAM upgrade option to 64bit and 4x2GB RAM
Build-Win2008-64bit + 8GB RAM	OS and RAM upgrade option to 64bit and 4x2GB RAM



### Graphic controller

Build-ERC-4monitor	Graphic card for 4 monitors with 4 displayport or 4 DVI output
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### RACK option

RACKKIT	For BUILD-ER1200
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# Technical Specification – Ernitec Build-ER1200

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 controler	1GB - VGA, DVI, HDMI (op to 2560x1600)
Auto-rebooting after power failure	Yes
Storage	
Storage interface	SATA / SAS with RAID controller option
Storage included	-
Storage bays	8x 3,5" hotswap bays
RAID controller upgrade option	16ch 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 32bit
Upgrade option	Windows 7 ultimate 64bit with 8GB RAM
Upgrade option	Windows 2008 R2 64bit with 8GB RAM
CPU / Memory	
CPU	INTEL Core I7-3770 3,1GHz LGA1155
CUP upgrade option	no
Memory	2x 2GB DDR3 1333MHz (4GB)
Memory Upgrade option	4x 2GB DDR3 1333MHz (8GB) with 64bit OS
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	Yes
Redundant PSU option	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 +10°C to +35°C
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

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