

Ernitec BUILD-ER1200R

3U19" RACK surveillance server



- > supports up to 1200 megapixel fps recording
- > Dual Gigabit network card
- > 16 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-ER1200R 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-ER1200R is engineered to optimize the way processor, memory, graphics, OS and software technology work together to deliver massive recording power

The Build-ER1200R 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-ER1200R

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-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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Technical Specification – Ernitec Build-ER1200R

Features		Power	
Recording frame rate at resolution 1280 x 720	Max. 1200 / MJPEG	Fix PSU	no
System Hard drive with OS	2 (1+1) / RAID 1	Redundant PSU option	920W (1+1) high-efficiency (94%+) AC-DC Redundant power supplies with PMBus and I2C
Optisk drive	DVD-rw	Power requirements	100v -240V AC/50-60Hz/500W
Graphic controler	1GB - VGA, DVI, HDMI (op to 2560x1600)	Managment	
Auto-rebooting after power failure	Yes	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
Storage		Software	SuperDoctor III
Storage interface	SATA / SAS	Dimensions / Weights	
Storage included	-	Form Factor	3U 19" RACK
Storage bays	16x 3,5" hotswap bays	Rack option	-
RAID controller	16ch controller, 6 GB/s per port, 0,1,5,6,10,50,60 + hot spare	Dimensions (HxWxD mm)	132x437x648
Storage hard drive options	se upgrade options for more info	Weight	34,7KG
OS support		General	
OS	Windows 7 ultimate 32bit	Languages	25 including : English, German, French, Spanish, Dutch, Danish, Italian, Finnish
Upgrade option	Windows 7 ultimate 64bit with 8GB RAM	Operation conditions	Temperature range from +10°C to +35°C
Upgrade option	Windows 2008 R2 64bit with 8GB RAM	warranty	3 years
CPU / Memory		Included accessories	1x OPTICAL MOUSE BLACK/USB PS2, CAT6 2M GREY, CAT6 2M BLUE, Power Cord schuko 2M , Power 2M UK,
CPU	INTEL Core I7-3770 3,1GHz LGA1155	Part number	Build-ER1200R
CUP upgrade option	no		
Memory	2x 2GB DDR3 1333MHz (4GB)		
Memory Upgrade option	4x 2GB DDR3 1333MHz (8GB) with 64bit OS		
Cooling			
Fan type	3x 80mm Hot-swap 4-pin PWM Fans 2x 80mm Rear-exhaust 4-pin PWM Fans		
Hot swap Fan	5		
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 Controller	Embedded Onboard RAID for system hard drive		



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