

# NVR-6300S

4U Rackmount, Network Video Recorder System with Intel® Core™ i3/i5/i7 Processor



## Features

- LGA 1150 Socket for 22nm Intel® Core™ i3/i5/i7 Processor, TDP: Max. 65W
- Dual-Channel 240-pin DDR3 1600 MHz DIMM x 4, Up to 32 GB
- 3 Graphic Display Interfaces: HDMI x 1, DisplayPort™ x 1, VGA x 1
- Intel® 10/100/1000Base-TX x 2
- SATA x 14, SATA 1~6 Support RAID 0/1/5/10, SATA 7~14: RAID (TBD)
- USB 2.0 x 8, USB 3.0 x 4, Onboard COM Header x 2
- PCI-E [x16] x 1, PCI-E [x4] x 1 (Signal [x2])
- Audio Jack x 3 (Mic-in/Line-in/Line-out)
- Hot-Swappable 3.5" SATA HDD Tray x 12 + Hot-swappable 2.5" SATA HDD Tray x 1, Slim Optical Disk Drive x 1
- Supports PoE Function (Optional)



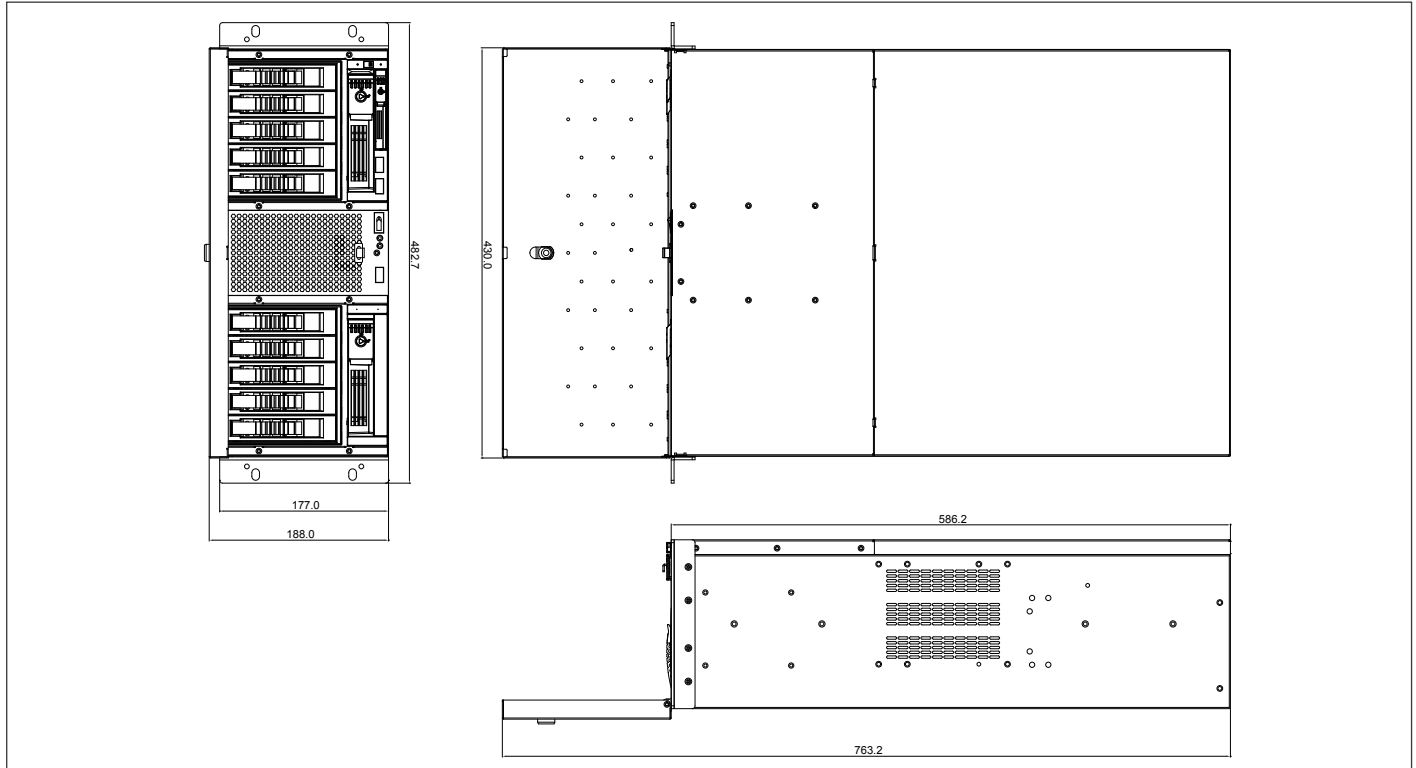
## Specifications

System	
Form Factor	4U Rackmount
Processor	Intel® 4th Gen. Core™ i3/i5/i7 Processor
Chipset	Intel® Q87
Main Memory	Up to 32GB, DDR3, Non-ECC 1333MHz, 240-pin DIMM
Display	HDMI x 1, DP x 1, VGA x 1
Ethernet	10/100/1000Base-TX x 2
PoE Ethernet Port	2 ports (optional)
RAID support	0/1/5/10
Expansion Slot	PCI-E [x16] x 1, PCI-E [x4] x 1
GPS	—
Front I/O Panel	Power Button x 1 Reset Button x 1 Power LED x 1 USB3.0 x 2 USB2.0 x 1 Slim optical disk drive x 1
Rear I/O Panel	USB3.0 x 2 USB2.0 x 2 LAN (RJ-45) Ports x 2 (PoE optional) HDMI x 1, DP x 1, VGA x 1 Audio Jack x 3 PS/2 keyboard/Mouse x 1
Environmental	
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Storage Humidity	10%~80% @40°C, non-condensing
Vibration/Shock	IEC68-2-64
Certification	CE/FCC Class A
Power Requirement	
Power Supply	600W ATX single PS2
Mechanical	
Hot Swappable HDD Tray	3.5" x 12, 2.5" x 1
Internal System HDD Bay	3.5" x 1 or 2.5" x 1 (SATA DOM optional)
Dimension	19.02" x 25" x 7.01" (483mm x 635mm x 178mm)
Gross Weight	33 lb (15 Kg)
Note	—

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## Dimension

Unit: mm



## Ordering Information

Part Number	Chipset	RAM	Cooler	Storage	RAID Support	Display	LAN	PoE	USB	RS-232	RS-232/422/485	Expansion Slot	Form Factor	Power
NVR-6300S-X60-A10	Intel® Q87	240-pin SODIMM	Fan	3.5" SATA HDD Hot Swappable Tray x 12 + 2.5" HDD Hot Swappable Bay x 1 + 3.5" or 2.5" Internal HDD bay x 1 + DVD-ROM x 1	0/1/5/10	VGA x 1, HDMI x 1, DP x 1	GbE x 2	2 Ports (Optional)	USB3.0 x 4, USB2.0 x 8	—	—	PCI-e [x16] x 1, PCI-e [x4] x 1	4U Rackmount	600W ATX

## Packing List

- Product CD
- NVR-6300S

## Optional Accessories

- **1702031802**  
(TF) Power Cord, 3P-125V 10A 180D, 1.8M, USA & Taiwan
- **1702031803**  
(TF) Power Cord, 3P-250V 10A 180D, 1.8M, Europe
- **170203180B**  
(TF) Power Cord, 3P (M), 3P (F), 1.8m, 250V, 10A, China
- **978325000A**  
(TF) 2.5" HDD, 250 GB, SATA, 5400rpm, WD, WD2500BPVT
- **9783320003**  
(TF) 3.5" HDD, 320 GB, SATA-3, 7200rpm, WD, WD3200AAKX
- **14D6B04G22**  
(TF) 4 GB, DDR3-1333, 240-Pin, ELPIDA (256M x 8), DSL
- **968D3008G3**  
(TF) 8 GB, DDR3-1333, (Non ECC), 240-Pin, (512M x 8), DSL