

NAV16108B NAV 108CH Recorder

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- Up to 108 channels 1080P/3M/4M/5M/8M/12M Network streaming, recording
- built-in 1 × 500GB 2.5 Inch SATA SSD (OS)
- Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)
- Support failover up to 36 channel per server
- Dual streaming decoding mode supported
- 2 monitors support up to 36 channels in total (480P 15fps)
- Support multi-channels synchronized playback (remote or local)
- Support Fisheye camera dewarping
- Built-in dual port Gigabit Ethernet, RJ-45 × 2
- Redundant Power Supply
- 3U dimension for standard cabinet
- LSI SAS 9361-8i RAID

Introduction

LILIN NAV16108B 108channelsrecorder supports LILIN IP cameras, PTZ dome IP cameras, DVRs, and NVRs. The recorder features up to 108channels 1080P/3M/4M/5M/8M/12M Network streaming, recording The recorder is equipped with hardware RAID. It has built-in dual port Gigabit Ethernet and supports 4 monitors. Multi-channels playback for remote or local NAV, failover, video archive, and video sync are supported NAV16108B is capable of continuous and schedule recordings. Supports alarm detections including motion, alarm, audio, IVS, and ANPR (Optional) for triggering various alarm outputs. NAV16108B also support up to 1080P 120FPS and 4K 30FPS video streams. Simultaneous playback for 36-ch, 4 monitors support, camera groupings, authentication, two-way audio, and dual-streaming provide extra flexibilities for the video management system. Supports the flexibility of quickly adding devices easily.

Dimensions

133 (H) × 430 (W) × 680 (D) mm



Technical Specifications

Model NAV16108B LILIN IP camera, LILIN IP camera over HTPS, LILIN Fisheye camera, LILIN IP speed dome, LILIN DVR/NVR, LILIN DHD recorder, NAV live streaming, P2P live stream annual RTSP, screen capture, USB vide input, picture capture Chassis 3U Chassis Network video input Up to 108 channels 1080P / 3M / 4M / 5M / 8M / 12M Network video format H.264 / H.265 / MJPEG Maximum network throughput Up to 500Mbps, Download: up to 500Mbps Internal HDD / Swap Support up to 16 × Hot-swap 3.5 Inch SATA HDD (record Video Input Support quantity Max. 108 channels Camera name 20 characters Channel editing Mouse drag-n-drop Ceiling and ground mounted 1 R One Region, 3 R1O Three Regions One Fisheye, 4 R Four Regions, 2 R1P Two Regions One Fisheye, 4 R Four Regions, 2 R1P Two Regions One Fisheye, 4 R Four Regions One Fisheye, 7 R1P Two Regions One Fisheye, 7 R10 Eight RPC 10000 Video output 2 × HDMI Port 2.0h, (4096 × 2160@60Hz) Di output 2 × HDMI Port 2.0h, (4096 × 2160@60Hz) Di output 2 × DipalyPort 1.4, (4096 × 2304@60Hz) DipalayPort outuput 2 × HDMI Port 2.0h, (Basic Spec	
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Recording mode Alarm, motion, schedule, and manual Recording schedule 7 days × 24 hrs time table, recording mode configurable Recording resolution & framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 Alarm recording Max 12MP@20fps, 8MP@30fps, and ROI recording support Remote digital input, remote IVS detection, remote face detection, remote tamper detection, remote audio detection external IO, motion detection, NAV CGI Triggering, video detection, speed measurement detection, APR detection facial recognition, remote LPR detection, QR code detection aida behavior detection Audio recording Yes Circular recording Yes / size customizable Limited recording Yes / days customizable Failover Supported Video archiving Yes Remote network NAS Support NAS (SMB/CIFS), iSCSI Playback Date, time, Smart search, Alarm search, POS, ANPR search face search (in FR server only), Tage search Playback resolution and framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 Playback resolution and framerate Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X	Multi-screen	2 monitors support up to 36 channels in total (480P 15fps)
Recording schedule 7 days × 24 hrs time table, recording mode configurable Recording resolution & Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 Alarm recording Remote digital input, remote IVS detection, remote face detection, remote tamper detection, NAV CGI Triggering, video detection, speed measurement detection, ANV CGI Triggering, video detection, speed measurement detection, ANV CGI Triggering, video detection aida behavior detection Audio recording Yes Circular recording Yes / size customizable Limited recording Yes / days customizable Failover Supported Video archiving Yes Low bitrate recording Yes Playback Date, time, Smart search, Alarm search, POS, ANPR search acce search (in FR server only), Tage search Playback resolution and framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 Blayback resolution and framerate Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X	Recording mode	
Recording resolution & Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 framerate Max 12MP@20fps, 8MP@30fps, and ROI recording support Alarm recording Remote digital input, remote IVS detection, remote face detection, remote tamper detection, remote audio detection external IO, motion detection, NAV CGI Triggering, video detection, speed measurement detection, QR code detection facial recognition, remote LPR detection, QR code detection aida behavior detection Audio recording Yes Circular recording Yes / size customizable Limited recording Yes / days customizable Failover Supported Video archiving Yes Remote network NAS Support NAS (SMB/CIFS), iSCSI Playback Date, time, Smart search, Alarm search, POS, ANPR search acce search (in FR server only), Tage search Playback resolution and framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 Playback resolution and framerate Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X	Recording mode	Alarm, motion, schedule, and manual
framerate 3MP@30fps, 1080p@120fps, and ROI recording support Remote digital input, remote IVS detection, remote face detection, remote tamper detection, remote audio detection, remote tamper detection, NAV CGI Triggering, video detection, speed measurement detection, ANPR detection facial recognition, remote LPR detection, QR code detection Audio recording Yes Circular recording Yes / size customizable Limited recording Yes / days customizable Failover Supported Video archiving Yes Remote network NAS Support NAS (SMB/CIFS), iSCSI Playback Date, time, Smart search, Alarm search, POS, ANPR search Playback resolution and Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 Max 12MP@20fps, 8MP@30fps SMP@30fps, 1080p@120fps Playback resolution and Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X	Recording schedule	7 days × 24 hrs time table, recording mode configurable
Alarm recording detection, remote tamper detection, remote audio detection external IO, motion detection, NAV CGI Triggering, video detection, speed measurement detection, ANPR detection facial recognition, remote LPR detection, QR code detectiaida behavior detection Audio recording Yes Circular recording Yes / size customizable Limited recording Yes / days customizable Failover Supported Video archiving Yes Low bitrate recording Yes Remote network NAS Support NAS (SMB/CIFS), iSCSI Playback Date, time, Smart search, Alarm search, POS, ANPR sear Face search, Face trace search (in FR server only), Tage search Playback resolution and Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 3MP@30fps, 1080p@120fps Playback resolution and framerate Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X		Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30fps, 3MP@30fps, 1080p@120fps, and ROI recording supported
Circular recording Yes / size customizable Limited recording Yes / days customizable Failover Supported Video archiving Yes Low bitrate recording Yes Remote network NAS Support NAS (SMB/CIFS), iSCSI Playback Date, time, Smart search, Alarm search, POS, ANPR search, Face search, Face trace search (in FR server only), Tagg search Playback resolution and framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 Playback spaed Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X	-	detection, remote tamper detection, remote audio detection, external IO, motion detection, NAV CGI Triggering, video loss detection, speed measurement detection, ANPR detection, facial recognition, remote LPR detection, QR code detection, aida behavior detection
Limited recording Yes / days customizable Failover Supported Video archiving Yes Low bitrate recording Yes Remote network NAS Support NAS (SMB/CIFS), iSCSI Playback Date, time, Smart search, Alarm search, POS, ANPR search Playback search Date, time, Smart search, Alarm search, POS, ANPR search Playback resolution and Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 framerate 3MP@30fps, 1080p@120fps Playback seard Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X		
Failover Supported Video archiving Yes Low bitrate recording Yes Remote network NAS Support NAS (SMB/CIFS), iSCSI Playback Date, time, Smart search, Alarm search, POS, ANPR search Playback search Date, time, Smart search, Alarm search, POS, ANPR search Playback resolution and framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 Playback resolution and framerate Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X	•	
Video archiving Yes Low bitrate recording Yes Remote network NAS Support NAS (SMB/CIFS), iSCSI Playback Date, time, Smart search, Alarm search, POS, ANPR search, Playback search Playback resolution and framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 framerate Playback resolution and framerate Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X	•	
Low bitrate recording Yes Remote network NAS Support NAS (SMB/CIFS), iSCSI Playback Date, time, Smart search, Alarm search, POS, ANPR search, Face search, Face trace search (in FR server only), Tagg search Playback resolution and framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 fps, 1080p@120fps Playback resolution and framerate Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X	Failover	Supported
Remote network NAS Support NAS (SMB/CIFS), iSCSI Playback Date, time, Smart search, Alarm search, POS, ANPR search, Face search, Face trace search (in FR server only), Tage search Playback resolution and framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 fps, 1080p@120fps Playback resolution and framerate Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X	Video archiving	Yes
Playback Date, time, Smart search, Alarm search, POS, ANPR search Playback search Date, time, Smart search, Alarm search, POS, ANPR search Playback resolution and framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 fps, 1080p@120fps Playback resolution and framerate SMP@30fps, 1080p@120fps Playback resolution and framerate Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X	Low bitrate recording	Yes
Date, time, Smart search, Alarm search, POS, ANPR search Playback search Date, time, Smart search, Alarm search, POS, ANPR search Playback resolution and framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 fps, 1080p@120fps Playback resolution and framerate Max 12MP@20fps, 1080p@120fps Playback resolution and framerate Max 12MP@20fps, 1080p@120fps Playback resolution and framerate Max 12MP@30fps, 1080p@120fps Playback resolution and framerate Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X	Remote network NAS	Support NAS (SMB/CIFS), iSCSI
Date, time, Smart search, Alarm search, POS, ANPR search Playback search Date, time, Smart search, Alarm search, POS, ANPR search Playback resolution and framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 fps, 1080p@120fps Playback resolution and framerate Max 12MP@20fps, 1080p@120fps Playback resolution and framerate Max 12MP@20fps, 1080p@120fps Playback resolution and framerate Max 12MP@30fps, 1080p@120fps Playback resolution and framerate Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X	Playback	
Playback resolution and framerate Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30 3MP@30fps, 1080p@120fps Playback speed Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X		Date, time, Smart search, Alarm search, POS, ANPR search, Face search, Face trace search (in FR server only), Tagging
Playback speed Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X		Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30fps,
Fast Forward: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X. 16X. 32X		Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X
Backup / Video input Max. 36 channels, AVI & MP4 file format supported	• •	
		NAV Server / Navigator Client / DVR / NVR / IP camera SD

Alarm / event	
Alarm management	Play audio file, send email notification, PTZ preset, digital output triggering, full screen, post alarm record, pre-alarm record, advanced alarm digital output, send customizable HTTP POST CGI URL to third party device, alarm ACK, alarm snapshot, text overlay, App cloud push notification, NCC TV wall ACK, NCC eMap Center Alarm, NCC play sound, NCC global alarm setting, all these action can be automatic or scheduled
Alarm recording	Pre-alarm:1 ~ 10 seconds and post-alarm: 1 sec ~ 59 minutes
Alarm Scheduling	Up to four alarm tables with AND logic
° °	Various alarm log including video loss, stop recording,
Alarm event actions	schedule, logon, operation log
Digital output	Controllable via IP cameras
Video archiving	
Video archiving & sync	Individual camera configurable, scheduling and instant archiving, sync recording data with NAV server / NVR / DVR / IP camera SD card.
Accessories	
Keyboard	PIH-931D keyboard controllable via rs-485 to usb converter
Audio	for PTZ, ePTZ, and ROI features PCM/G.711/AAC, two-way audio, audio recording
	Third party TCP/IP/ RS-232 / Bluetooth supported / HID USB
POS	Barcode scanner
Protocols	ARP / TCP/IP / RTSP / ONVIF / HTTP / HTTPS / SMTP / DNS / PPPoE / SDDP
Mobile support	LILINViewer, iPhone and Android
IP Scan	Supported, easy-to-setup for IP address
VMS support	Support NAV Client software
eMap	Supported
eMap Live Monitoring	Each map can see 64 live video at the same time
Auto Switch to the Map	•
of Alarm Event	Supported
eMap Alarm Snapshot	Motion detection / external alarm / audio detection alarm / face detection
Alarm Event Actions	Digital output controllable, snapshots, and alarm popup
(eMap)Central	
Management	Centralized monitoring channels from multiple server
(eMap)Online Maps	Google map and Baidu map up to 128 eMap, GPS devices supported
Number of Mark for Online Map	Each online map can support 5000 camera mark
Number of Mark for	
Offline Map	Each offline map can support 500 camera mark
Hardware	
Hardware CPU	Intel® Core ™ i7-8700
	Intel® Core ™ i7-8700 16GB (2 × DDR4 8GB)
CPU	
CPU RAM Chipset Display card	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB
CPU RAM Chipset Display card Ethernet Ports	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE
CPU RAM Chipset Display card Ethernet Ports Audio	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording))
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation.
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording))
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation, Please use 7200RPM WD Red Pro for non-RAID installation,
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation, WD (Gold) Enterprise HDDs for RAID installation, or other
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode SSD / HDD	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation, Please use 7200RPM WD Red Pro for non-RAID installation, WD (Gold) Enterprise HDDs for RAID installation, or other Enterprise HDDs
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode SSD / HDD	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation. Please use 7200RPM WD Red Pro for non-RAID installation, wDD (Gold) Enterprise HDDs for RAID installation, or other English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese,
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode SSD / HDD	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation, Please use 7200RPM WD Red Pro for non-RAID installation, WD (Gold) Enterprise HDDs for RAID installation, or other Enterprise HDDs
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode SSD / HDD	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation. Please use 7200RPM WD Red Pro for non-RAID installation, WD (Gold) Enterprise HDDs for RAID installation, or other English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian,
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode SSD / HDD Other Language	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation. Please use 7200RPM WD Red Pro for non-RAID installation, WD (Gold) Enterprise HDDs for RAID installation, or other English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode SSD / HDD Other Language OS	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation. Please use 7200RPM WD Red Pro for non-RAID installation, WD (Gold) Enterprise HDDs for RAID installation, or other English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese Windows 10 Enterprise SAC
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode SSD / HDD Other Language OS DST	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation, Please use 7200RPM WD Red Pro for non-RAID installation, WD (Gold) Enterprise HDDs for RAID installation, or other English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese Windows 10 Enterprise SAC Daylight saving time by Windows OS
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode SSD / HDD Other Language OS DST Power and environment Power consumption	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation, Please use 7200RPM WD Red Pro for non-RAID installation, WD (Gold) Enterprise HDDs for RAID installation, or other English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese Windows 10 Enterprise SAC Daylight saving time by Windows OS 800W
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode SSD / HDD Other Language OS DST Power and environment Power consumption Power supply	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation, Please use 7200RPM WD Red Pro for non-RAID installation, WD (Gold) Enterprise HDDs for RAID installation, or other English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese Windows 10 Enterprise SAC Daylight saving time by Windows OS 800W 110V ~ 240V Redundant Power Supply
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode SSD / HDD Other Language OS DST Power and environment Power consumption Power supply Operating Temperature	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation, Please use 7200RPM WD Red Pro for non-RAID installation, WD (Gold) Enterprise HDDs for RAID installation, or other Enterprise HDDs English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese Windows 10 Enterprise SAC Daylight saving time by Windows OS 800W 110V ~ 240V Redundant Power Supply 10°C ~ 40°C(50°F ~ 104°F)
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode SSD / HDD Other Cother OS DST Power and environment Power consumption Power supply Operating Temperature Storage Temperature	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation, Please use 7200RPM WD Red Pro for non-RAID installation, WD (Gold) Enterprise HDDs for RAID installation, or other Enterprise HDDs English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese Windows 10 Enterprise SAC Daylight saving time by Windows OS 800W 110V ~ 240V Redundant Power Supply 10°C ~ 40°C(50°F ~ 104°F) 0°C ~ 70°C(32°F ~ 158°F)
CPU RAM Chipset Display card Ethernet Ports Audio Rear panel USB port System fan Hot spare RAID Control RAID Mode SSD / HDD Other Language OS DST Power and environment Power consumption Power supply Operating Temperature	16GB (2 × DDR4 8GB) Intel® C246 2 × GTX 1650 4GB 2 × RJ-45 1GbE 5 × Audio jack(s), 1 × S/PDIF 6 × USB 3.0 3 × System Cooling support LSI SAS 9361-8i RAID RAID 0, 1, 5, 6, 10, 50 built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) Support up to 16 × Hot-swap 3.5 Inch SATA HDD (recording)) Note: Do not use WD Purple HDDs for NAV HDD installation, Please use 7200RPM WD Red Pro for non-RAID installation, WD (Gold) Enterprise HDDs for RAID installation, or other Enterprise HDDs English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese Windows 10 Enterprise SAC Daylight saving time by Windows OS 800W 110V ~ 240V Redundant Power Supply 10°C ~ 40°C(50°F ~ 104°F)

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75 lbs (34kg) - Gross

Black

Color

Weight