Merit LILIN Application Note

Navigator PC requirements

Subject: This document describes the minimum PC specifications for Navigator systems.

Server family

1080P 25CH (Dual Stream)	NAV3025
CPU	CPU Intel® Core™ i3-7100
RAM	4G DDR4 x2
Graphic Card	Intel® HD Graphics 630
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 250Mbps/ Download: up to 250Mbps
RAID	Intel Built-in RAID 0, 1, 5, 10

1080P 36CH (Dual Stream)	NAV2036
CPU	Intel® processor i7-3770
RAM	4G DDR3 x 1
Graphic Card	Intel® HD Graphics 4000
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	Intel Built-in RAID 0, 1, 5, 10

1080P 36CH (Dual Stream)	NAV1036
CPU	Intel® Xeon® processor E5-2620
RAM	4G DDR4 x 2
Graphic Card	GT 1030 D5 2GL
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60

1080P 72CH (Dual Stream)	NAV1072
CPU	Intel® Xeon® processor E5-2620
RAM	4G DDR4 x 2
Graphic Card	ASUS PH-GT1030-02G
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60

1080P 108CH (Dual Stream)	NAV1108
CPU	Intel® Xeon® processor E5-2620
RAM	4G DDR4 x 2
Graphic Card	PH-GTX1050TI-4G
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60

Consumers Family

1080P 36CH (Dual Stream)	NAV08036
CPU	Intel® Core™ i3-6100 Processor
RAM	4G DDR4 x 2
Graphic Card	Intel® HD Graphics 530
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60

1080P 72CH (Dual Stream)	NAV08072
CPU	Intel® Core™ i5-6500 Processor
RAM	4G DDR4 x 2
Graphic Card	Intel® HD Graphics 530
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60

1080P 108CH (Dual Stream)	NAV08108
CPU	Intel® Core™ i7-6700 Processor
RAM	4G DDR4 x 2
Graphic Card	Intel® HD Graphics 530
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60

1080P 36CH (Dual Stream)	NAV16036
CPU	Intel® Core™ i3-6100 Processor
RAM	4G DDR4 x 2
Graphic Card	Intel® HD Graphics 530
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60

1080P 72CH (Dual Stream)	NAV16072
CPU	Intel® Core™ i5-6500 Processor
RAM	4G DDR4 x 2
Graphic Card	Intel® HD Graphics 530
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60

1080P 108CH (Dual Stream)	NAV16108
CPU	Intel® Core™ i7-6700 Processor
RAM	4G DDR4 x 2
Graphic Card	Intel® HD Graphics 530
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60

1080P 36CH (Dual Stream)	NAV24036
CPU	Intel® Core™ i3-6100 Processor
RAM	4G DDR4 x 2
Graphic Card	Intel® HD Graphics 530
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60

1080P 72CH (Dual Stream)	NAV24072
CPU	Intel® Core™ i5-6500 Processor
RAM	4G DDR4 x 2
Graphic Card	Intel® HD Graphics 530
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60

1080P 108CH (Dual Stream)	NAV24108
CPU	Intel® Core™ i7-6700 Processor
RAM	4G DDR4 x 2
Graphic Card	Intel® HD Graphics 530
Windows	Windows 7 or Windows 10 64-bit (Professional)
Network Speed	Upload: up to 500Mbps/ Download: up to 500Mbps
RAID	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60

Contact

Need any further information or assistance? Contact lilin.zendesk.com for technical support.