

# MAXPRO<sup>®</sup> NVR PE

✓ Now with 5-year warranty



## 32/64/128-Channel Enterprise NVR

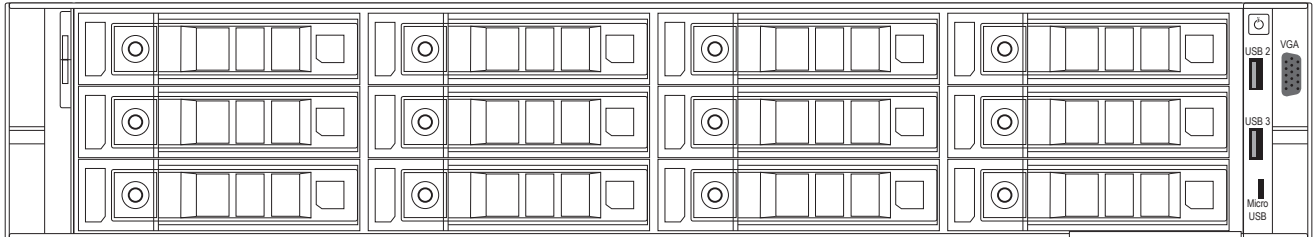
OPERATIONAL		OPERATIONAL	
MAXPRO NVR SOFTWARE - VERSION 5.6 OR ABOVE		MAXPRO NVR PE HARDWARE	
DATABASE	Microsoft® SQL Server® 2012 Express	PROCESSOR	Intel® Xeon® Silver 4110, 2.1 GHz
OPERATING SYSTEM	Windows 10 IoT Enterprise for Embedded Systems	MEMORY	16GB (32/48/64-channel), 32GB (128-channel)
IMAGE COMPRESSIONS SUPPORTED	MJPEG, MPEG-4, H.264, H.265	POWER SUPPLY	1+1 750W hot plug redundant 80+ Platinum
SUPPORTED HONEYWELL IP CAMERAS AND ENCODERS	Supports Performance Series IP, eQulP® Series cameras. Refer to <a href="http://www.security.honeywell.com/hota/compatibility/index.html">www.security.honeywell.com/hota/compatibility/index.html</a>	OS DRIVE	2x 240 GB M.2 SSD, RAID 1
SUPPORTED THIRD PARTY IP CAMERAS AND ENCODERS	Refer to the MAXPRO NVR Compatibility for a comprehensive list of compatible products to which this device is integrated. <a href="http://www.security.honeywell.com/hota/compatibility/index.html">www.security.honeywell.com/hota/compatibility/index.html</a>	STORAGE CAPACITIES	16 TB to 144 TB raw storage
AUDIO SUPPORT	1-way audio for specific IP camera models. Refer to <a href="http://www.security.honeywell.com/hota/compatibility/index.html">www.security.honeywell.com/hota/compatibility/index.html</a>	STORAGE HARD DRIVE OPTIONS	12 field upgrade 4 TB or 8 TB or 10 TB or 12 TB SATA/SAS hard drive options
MAXIMUM NUMBER OF DESKTOP CLIENT CONNECTIONS	Desktop Client - 38 per unit from 19 remote workstations + 1 local on NVR	NETWORK	4 x 1GbE with optional 10GbE SFP+
SALVO LAYOUTS	Desktop Client - Full, 2x2, 1x5, 3x3, 2x8, 1x12, 4x4. Web Client - 2x2, 1x1, 1x2, 1x3. Mobile app (Phone) - 2x2, 2x4, 1x2, 1x1. Mobile app (Tablet) - 3x3, 2x2, 1x1.	CHASSIS WITH LOCKING BEZEL	2U, 12 bay including rack mount kit
PICTURE CONTROLS PER CAMERA	Sharpness, blur, brightness, contrast, hue, saturation, maintain aspect ratio, stretched, original size and picture mirror	RAID CARD	Data RAID Level: 0, 1, 5, 6, 10
OSD	Concealed text option	REAR/FRONT PANEL CONNECTIONS	
PLAYBACK CONTROLS PER CAMERA - DESKTOP CLIENT	FWD/REV Play x (1, 2, 4, 8, 16) Slow FWD/REV Play x (1/2, 1/4, 1/8)	MOUSE AND KEYBOARD	2 x USB
SEARCH TYPES	Time/date timeline, time jump FWD/REV, bookmarks, calendar, preview, film strip, event search and SMART Motion Search	USB	Front: 2 x USB 2.0, Rear: 2 x USB 3.0
RECORDING SCHEDULE	Continuous and event based with H/M/D and holiday and exception days	NETWORK	4 x RJ45
RECORDING METHODS PER CAMERA	Continuous, event based and user activated	MONITOR OUTPUT	Front: 1 x VGA, Rear: 1 x VGA
LIVE SETTINGS PER CAMERA	Compression format, resolution and frame rate	ELECTRICAL	
RECORD SETTINGS PER CAMERA	Same as live or reduced frame rate	INPUT VOLTAGE	110/220 VAC 50/60 Hz
CLIP FORMAT	Honeywell MPVC playable with standalone MAXPRO Clip Player for faster and secure exports. WMV with digital certificate for authentication playable with Windows media player. ASF for faster exporting of longer than an hour backup clips in native compression format.	OPERATING VOLTAGE	110V/220V Auto Sensing
VIDEO CLIP AUTHENTICATION	Digital signature, verification tool provided	POWER DISSIPATION	Average BTU rating = 880 BTU/HR Peak BTU rating = 2800 BTU/HR
MOTION DETECTION LOCATION	Camera based for supported models or Server based (SMART VMD) for all models (except 360 fisheye /panomorph views)	MECHANICAL	
EVENT RECORDING	Pre and post duration setting	CONSTRUCTION	Chassis: Grey matte paint
OPERATOR REPORTING	Per user, configurator, session and viewer	DIMENSIONS (W X H X D)	17.08 x 3.4 x 27.86 in / 434 x 86 x 708 mm
EVENT REPORT	Per camera or recorder events	WEIGHT	71.5 lbs / 32.5 kg fully populated
OPERATORS	1024	ENVIRONMENTAL	
		TEMPERATURE OPERATING	10°C to 35°C (50°F to 95°F)
		RELATIVE HUMIDITY	5-90% non-condensing
		WARRANTY	
		WARRANTY AND ADVANCED REPLACEMENTS	Refer to <a href="https://www.security.honeywell.com/resources/warranties">https://www.security.honeywell.com/resources/warranties</a>
		RECORDING AND MONITORING PERFORMANCE	
MAX VIDEO STREAMS SUPPORT	Web Client: Live - 64 streams, Playback - 32 streams. Note: Live streams consumed are per camera being viewed live and duplicate live views of the same camera in multiple or same web client instance are allowed without consuming additional streams. Playback streams consumed are per playback stream being viewed and each playback stream being viewed consumes 1 additional stream. Desktop Client: Live - 512 streams, Playback/Video retrieval sessions - 64, Sync playback - 9 streams. 512 live streams limit excludes 1 stream used per camera if Smart VMD is enabled. Maximum live streams per camera is 15 with Smart VMD enabled. Mobile App: 16 streams of 1080p HD @ 5 fps each. Note: During archival operations, maximum no of playback streams recommended from Desktop Client and Web Client is 16 streams.		
SERVER BASED VMD (SMART VMD) PERFORMANCE - CHANNELS SUPPORTED	Channels at max fps: 64 ch at 1920 fps @ 4CIF/VGA or 64 ch at 1920 fps @ 720p or 64 ch at 1920 fps @ 1080p or total 128 Megapixel. All Channels at fps: 64 ch at 1920 fps @ 4CIF/VGA or 1920 fps @ 720p or 1920 fps @ 1080p or total 128 Megapixel. Smart VMD is not recommended when more than 64 cameras are connected to the NVR.		
ARCHIVAL PERFORMANCE	64 channels @ 2.5 Mbps / 160 Mbps total archival bandwidth while recording 128 channels @ 2.5 Mbps / 320 Mbps with total bandwidth/throughput 700 Mbps		
MULTI-STREAM PERFORMANCE	Support for maximum 256 streams. Support for configuring 1 preferred stream for continuous recording and 1 preferred stream for live video / motion based recording per camera.		

**Honeywell**

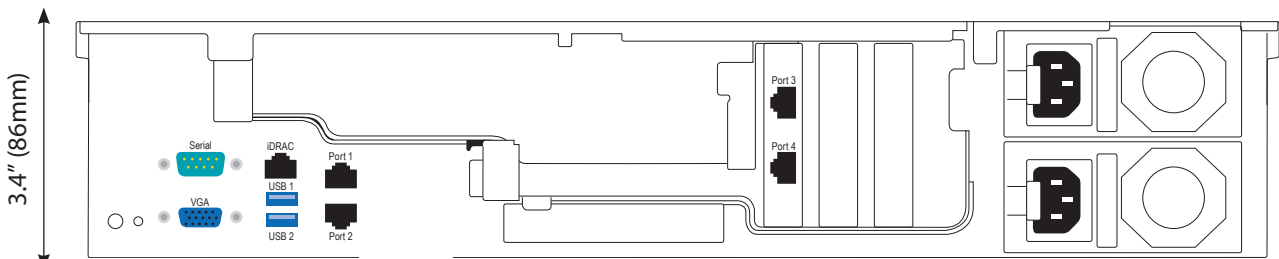
# MAXPRO® NVR PE (Professional Edition)

32/64/128-Channel Enterprise Network Video Recorder (NVR)

## SPECIFICATIONS



19" (485mm)



3.4" (86mm)

17" (434mm)

# MAXPRO® NVR PE (Professional Edition)

32/64/128-Channel Enterprise Network Video Recorder (NVR)

## ORDERING

MAXPRO NVR PE - 32 CHANNELS			MAXPRO NVR PE - 128 CHANNELS		
HNMPE32C16T4R5	4x4TB SATA HARD DRIVE (10.914TB)	RAID5	HNMPE128C16T4R5	4x4TB SATA HARD DRIVE (10.914TB)	RAID5
HNMPE32C32T8R5	4x8TB SATA HARD DRIVE (21.827TB)		HNMPE128C32T8R5	4x8TB SATA HARD DRIVE (21.827TB)	
HNMPE32C48T8R5	6x8TB SATA HARD DRIVE (36.378TB)		HNMPE128C48T8R5	6x8TB SATA HARD DRIVE (36.378TB)	
HNMPE32C64T8R5	8x8TB SATA HARD DRIVE (50.930TB)		HNMPE128C64T8R5	8x8TB SATA HARD DRIVE (50.930TB)	
HNMPE32C96T8R5	12x8TB SATA HARD DRIVE (80.033TB)		HNMPE128C96T8R5	12x8TB SATA HARD DRIVE (80.033TB)	
HNMPE32C120T10R5	12x10TB SATA HARD DRIVE (100.042TB)		HNMPE128C120T10R5	12x10TB SATA HARD DRIVE (100.042TB)	
HNMPE32C144T12R5	12x12TB SATA HARD DRIVE (120.050TB)	RAID6	HNMPE128C144T12R5	12x12TB SATA HARD DRIVE (120.050TB)	RAID6
HNMPE32C16T4R6	4x4TB SATA HARD DRIVE (7.275TB)		HNMPE128C16T4R6	4x4TB SATA HARD DRIVE (7.275TB)	
HNMPE32C32T8R6	4x8TB SATA HARD DRIVE (14.551TB)		HNMPE128C32T8R6	4x8TB SATA HARD DRIVE (14.551TB)	
HNMPE32C48T8R6	6x8TB SATA HARD DRIVE (29.103TB)		HNMPE128C48T8R6	6x8TB SATA HARD DRIVE (29.103TB)	
HNMPE32C64T8R6	8x8TB SATA HARD DRIVE (43.654TB)		HNMPE128C64T8R6	8x8TB SATA HARD DRIVE (43.654TB)	
HNMPE32C96T8R6	12x8TB SATA HARD DRIVE (72.757TB)		HNMPE128C96T8R6	12x8TB SATA HARD DRIVE (72.757TB)	
HNMPE32C120T10R6	12x10TB SATA HARD DRIVE (90.947TB)	RAID6	HNMPE128C120T10R6	12x10TB SATA HARD DRIVE (90.947TB)	RAID6
HNMPE32C144T12R6	12x12TB SATA HARD DRIVE (109.136TB)		HNMPE128C144T12R6	12x12TB SATA HARD DRIVE (109.136TB)	

MAXPRO NVR PE - 64 CHANNELS		
HNMPE64C16T4R5	4x4TB SATA HARD DRIVE (10.914TB)	RAID5
HNMPE64C32T8R5	4x8TB SATA HARD DRIVE (21.827TB)	
HNMPE64C48T8R5	6x8TB SATA HARD DRIVE (36.378TB)	
HNMPE64C64T8R5	8x8TB SATA HARD DRIVE (50.930TB)	
HNMPE64C96T8R5	12x8TB SATA HARD DRIVE (80.033TB)	
HNMPE64C120T10R5	12x10TB SATA HARD DRIVE (100.042TB)	
HNMPE64C144T12R5	12x12TB SATA HARD DRIVE (120.050TB)	RAID6
HNMPE64C16T4R6	4x4TB SATA HARD DRIVE (7.275TB)	
HNMPE64C32T8R6	4x8TB SATA HARD DRIVE (14.551TB)	
HNMPE64C48T8R6	6x8TB SATA HARD DRIVE (29.103TB)	
HNMPE64C64T8R6	8x8TB SATA HARD DRIVE (43.654TB)	
HNMPE64C96T8R6	12x8TB SATA HARD DRIVE (72.757TB)	
HNMPE64C120T10R6	12x10TB SATA HARD DRIVE (90.947TB)	RAID6
HNMPE64C144T12R6	12x12TB SATA HARD DRIVE (109.136TB)	

UPGRADE KITS	
HNMPECHD4T	4TB SATA Upgrade Kit, MAXPRO NVR PE Rev C
HNMPECHD8T	8TB SATA Upgrade Kit, MAXPRO NVR PE Rev C
HNMPECHD10T	10TB SATA Upgrade Kit, MAXPRO NVR PE Rev C
HNMPECHD12T	12TB SATA Upgrade Kit, MAXPRO NVR PE Rev C

MAXPRO NVR PE - CHANNEL UPGRADE LICENSES	
HNM64128NLIC	64 to 128 Ch upgrade Software License
HNM3264NLIC	32 to 64 Ch upgrade Software License

## MAXPRO NVR PE - PART NUMBER LOOKUP

HNMPE	64	C	16	T4	R5
MAXPRO® NVR PE					
<b># of Channels</b> 32 = 32 Channels 64 = 64 Channels 128 = 128 Channels		<b>Rev C 12 bay unit</b>	<b>Hard Drive Size</b> T4 = 4 TB hard drive T8 = 8 TB hard drive T10 = 10 TB hard drive T12 = 12 TB hard drive		<b>RAID</b> R5 = RAID 5 R6 = RAID 6
			<b>Total Raw Storage Size in TB</b> 16: 4x4TB drives used x size of hard drive 32: 4x8TB drives used x size of hard drive 48: 6x8TB drives used x size of hard drive 64: 8x8TB drives used x size of hard drive 96: 12x8TB drives used x size of hard drive 120: 12x10TB drives used x size of hard drive 144: 12x12TB drives used x size of hard drive		

### For more information

[www.security.honeywell.com/uk](http://www.security.honeywell.com/uk)  
[www.security.honeywell.com/me](http://www.security.honeywell.com/me)

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