

MAXPRO® NVR PE



ONVIF | S G **5** YEAR WARRANTY

32/48/64/128-Channel Enterprise NVR

| OPERATIONAL | |
|---|--|
| MAXPRO NVR SOFTWARE - VERSION 7.0 | |
| DATABASE | Microsoft® SQL Server® 2019 Express |
| OPERATING SYSTEM | Windows 10 IoT Enterprise for Embedded Systems |
| IMAGE COMPRESSIONS SUPPORTED | MJPEG, MPEG-4, H.264, H.265 |
| SUPPORTED HONEYWELL IP CAMERAS AND ENCODERS | Supports Honeywell's Performance IP, equip® Series, 30 / 60 / 70 Series IP cameras |
| SUPPORTED THIRD PARTY IP CAMERAS AND ENCODERS | Refer to the MAXPRO® NVR Compatibility on our website for a comprehensive list of compatible products to which this device is integrated |
| AUDIO SUPPORT | 2-way audio support for compatible cameras |
| MAXIMUM NUMBER OF DESKTOP CLIENT CONNECTIONS | Desktop Client - 38 per unit from 19 remote workstations + 1 local on NVR |
| 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. |
| PICTURE CONTROLS PER CAMERA | Sharpness, blur, brightness, contrast, hue, saturation, maintain aspect ratio, stretched, original size and picture mirror |
| OSD | Concealed text option |
| 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) |
| SEARCH TYPES | Time/date timeline, time jump FWD/REV, bookmarks, calendar, preview, film strip, event search and SMART Motion Search |
| RECORDING SCHEDULE | Continuous and event based with H/M/D and holiday and exception days |
| RECORDING METHODS PER CAMERA | Continuous, event based and user activated |
| LIVE SETTINGS PER CAMERA | Compression format, resolution and frame rate |
| RECORD SETTINGS PER CAMERA | Same as live or can be a separate stream configuration |
| CLIP FORMAT | Honeywell MPVC and SMPVC 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. |
| VIDEO CLIP AUTHENTICATION | Digital signature, verification tool provided |
| MOTION DETECTION LOCATION | Camera based for supported models or Server based (SMART VMD) for all models (except 360 fisheye /panomorph views) |
| EVENT RECORDING | Pre and post duration setting |
| OPERATOR REPORTING | Per user, configurator, session and viewer |
| EVENT REPORT | Per camera or recorder events |
| OPERATORS | 1024 |

| OPERATIONAL | |
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| MAXPRO NVR PE HARDWARE | |
| PROCESSOR | Intel® Xeon® Silver 4110, 2.1 GHz |
| MEMORY | 16GB (32/48/64-channel), 32GB (128-channel) |
| POWER SUPPLY | 1+1 750W hot plug redundant 80+ Platinum |
| OS DRIVE | 2x 240 GB M.2 SSD, RAID 1 |
| STORAGE CAPACITIES | 16 TB to 144 TB raw storage |
| STORAGE HARD DRIVE OPTIONS | 12 field upgrade 4 TB or 8 TB or 12 TB SATA hard drive options |
| NETWORK | 4 x 1GbE with optional 10GbE SFP+ |
| CHASSIS WITH LOCKING BEZEL | 2U, 12 bay including rack mount kit |
| RAID CARD | Data RAID Level: 0, 1, 5, 6, 10 |
| REAR/FRONT PANEL CONNECTIONS | |
| MOUSE AND KEYBOARD | 2 x USB |
| USB | Front: 2 x USB 2.0, Rear: 2 x USB 3.0 |
| NETWORK | 4 x RJ45 |
| MONITOR OUTPUT | Front: 1 x VGA, Rear: 1 x VGA |
| ELECTRICAL | |
| INPUT VOLTAGE | 110/220 VAC 50/60 Hz |
| OPERATING VOLTAGE | 110V/220V Auto Sensing |
| POWER DISSIPATION | Average BTU rating = 880 BTU/HR Peak BTU rating = 2800 BTU/HR |
| MECHANICAL | |
| CONSTRUCTION | Chassis: Grey matte paint |
| DIMENSIONS (W X H X D) | 17.08 x 3.4 x 27.86 in / 434 x 86 x 708 mm |
| WEIGHT | 71.5 lbs / 32.5 kg fully populated |
| ENVIRONMENTAL | |
| TEMPERATURE OPERATING | 10°C to 35°C (50°F to 95°F) |
| RELATIVE HUMIDITY | 5-90% non-condensing |
| RECORDING AND MONITORING PERFORMANCE | |

3840 fps @ 1080p (4.0 Mbps bitrate) HD. 1-way audio for up to 128 IP channels.
Network bandwidth/throughput : 800 Mbps.
Rendering performance using CPU of up to 4 1080p HD @ 30 fps/120 fps on local client.

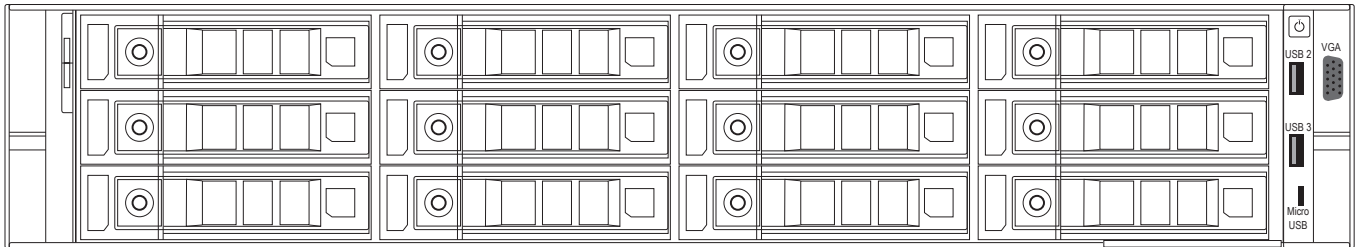
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|---|--|
| MAX VIDEO STREAMS SUPPORT | Desktop Client: Live - 512 streams, Playback/Video retrieval sessions - 64, Sync playback - 9 streams. 512 live streams limit excludes 1 stream used per camera if Smart VMD is enabled. Maximum live streams per 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

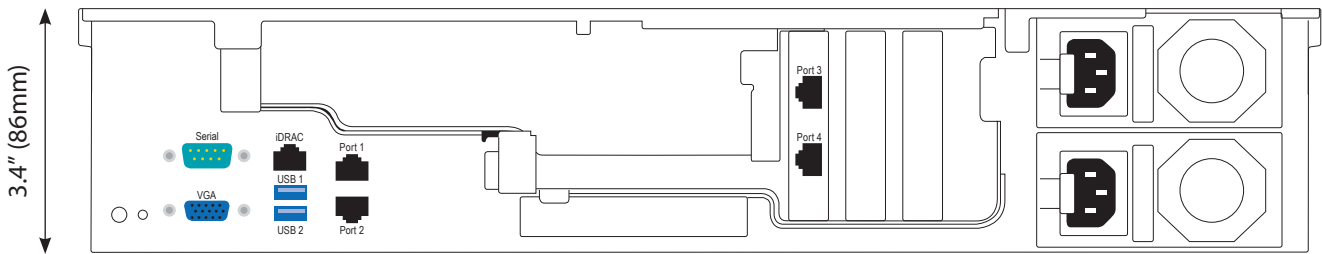
MAXPRO® NVR PE (Professional Edition)

32/48/64/128-Channel Enterprise Network Video Recorder (NVR)

SPECIFICATIONS



19" (485mm)



3.4" (86mm)

17" (434mm)

MAXPRO® NVR PE (Professional Edition)

32/48/64/128-Channel Enterprise Network Video Recorder (NVR)

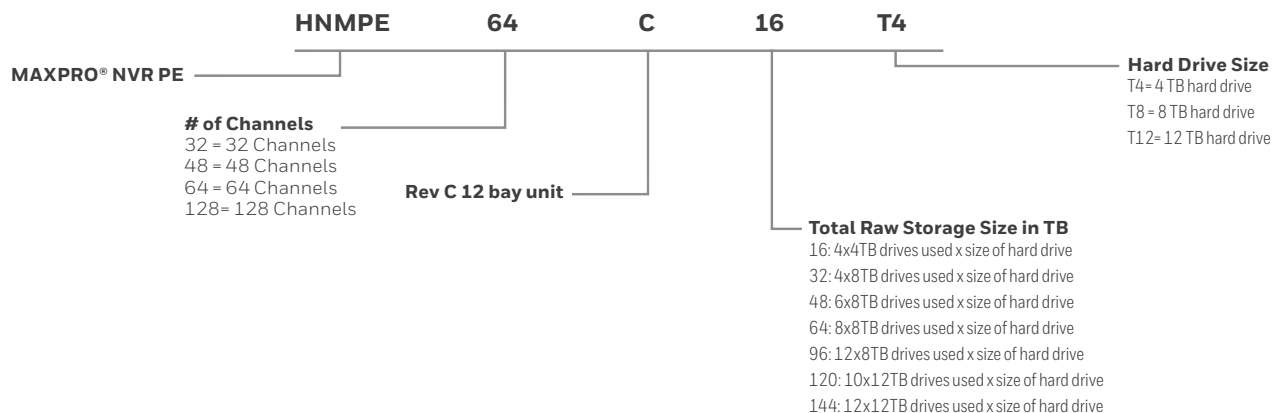
ORDERING

| MAXPRO NVR PE | | | UPGRADE KITS FOR MAXPRO NVR PE REV C | |
|-----------------|--------------------------------------|---------------------------------------|--------------------------------------|--|
| HNMPE32C16T4 | 32CH, 4x4 TB SATA HARD DRIVE, 12D | | HNMPECHD4T | 4TB SATA Upgrade Kit |
| HNMPE48C16T4 | 48CH, 4x4 TB SATA HARD DRIVE, 12D | 7.275 TB RAID 6, 10.914 TB RAID 5 | HNMPECHD8T | 8TB SATA Upgrade Kit |
| HNMPE64C16T4 | 64CH, 4x4 TB SATA HARD DRIVE, 12D | | HNMPECHD12T | 12TB SATA Upgrade Kit |
| HNMPE128C16T4 | 128CH, 4x4 TB SATA HARD DRIVE, 12D | | HNMPECRAM32G | 16GB to 32GB RAM Upgrade Kit |
| HNMPE32C32T8 | 32CH, 4x8 TB SATA HARD DRIVE, 12D | | HNMPECNIC10G | DP 10Gb DA/SFP+ Adapter |
| HNMPE48C32T8 | 48CH, 4x8 TB SATA HARD DRIVE, 12D | 14.551 TB RAID 6, 21.827 TB RAID 5 | HNMPECWS2K16 | Windows 10 to Windows Server 2016 OS Factory Upgrade |
| HNMPE64C32T8 | 64CH, 4x8 TB SATA HARD DRIVE, 12D | | | |
| HNMPE128C32T8 | 128CH, 4x8 TB SATA HARD DRIVE, 12D | | | |
| HNMPE32C48T8 | 32CH, 6x8 TB SATA HARD DRIVE, 12D | | | |
| HNMPE48C48T8 | 48CH, 6x8 TB SATA HARD DRIVE, 12D | 29.103 TB RAID 6, 36.378 TB RAID 5 | | |
| HNMPE64C48T8 | 64CH, 6x8 TB SATA HARD DRIVE, 12D | | | |
| HNMPE128C48T8 | 128CH, 6x8 TB SATA HARD DRIVE, 12D | | | |
| HNMPE32C64T8 | 32CH, 8x8 TB SATA HARD DRIVE, 12D | | | |
| HNMPE48C64T8 | 48CH, 8x8 TB SATA HARD DRIVE, 12D | 43.654 TB RAID 6, 50.930 TB RAID 5 | | |
| HNMPE64C64T8 | 64CH, 8x8 TB SATA HARD DRIVE, 12D | | | |
| HNMPE128C64T8 | 128CH, 8x8 TB SATA HARD DRIVE, 12D | | | |
| HNMPE32C96T8 | 32CH, 12x8 TB SATA HARD DRIVE, 12D | | | |
| HNMPE48C96T8 | 48CH, 12x8 TB SATA HARD DRIVE, 12D | 72.757 TB RAID 6, 80.033 TB RAID 5 | | |
| HNMPE64C96T8 | 64CH, 12x8 TB SATA HARD DRIVE, 12D | | | |
| HNMPE128C96T8 | 128CH, 12x8 TB SATA HARD DRIVE, 12D | | | |
| HNMPE32C120T12 | 32CH, 10x12 TB SATA HARD DRIVE, 12D | | | |
| HNMPE48C120T12 | 48CH, 10x12 TB SATA HARD DRIVE, 12D | 87.3 TB RAID 6, 98.2 TB RAID 5 | | |
| HNMPE64C120T12 | 64CH, 10x12 TB SATA HARD DRIVE, 12D | | | |
| HNMPE128C120T12 | 128CH, 10x12 TB SATA HARD DRIVE, 12D | | | |
| HNMPE32C144T12 | 32CH, 12x12 TB SATA HARD DRIVE, 12D | | | |
| HNMPE48C144T12 | 48CH, 12x12 TB SATA HARD DRIVE, 12D | 109.1 TB RAID 6, 120.0 TB RAID 5 | | |
| HNMPE64C144T12 | 64CH, 12x12 TB SATA HARD DRIVE, 12D | | | |
| HNMPE128C144T12 | 128CH, 12x12 TB SATA HARD DRIVE, 12D | | | |

| MAXPRO NVR PE – CHANNEL UPGRADE LICENSES | |
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| HNM01UP | MAXPRO NVR 1 Channel License Upgrade to add support for up to 128 Channels per NVR |
| HNM04UP | MAXPRO NVR 4 Channel License Upgrade to add support for up to 128 Channels per NVR |
| HNM08UP | MAXPRO NVR 8 Channel License Upgrade to add support for up to 128 Channels per NVR |
| HNM16UP | MAXPRO NVR 16 Channel License Upgrade to add support for up to 128 Channels per NVR |
| HNM32UP | MAXPRO NVR 32 Channel License Upgrade to add support for up to 128 Channels per NVR |
| HNM64UP | MAXPRO NVR 64 Channel License Upgrade to add support for up to 128 Channels per NVR |

| SOFTWARE MAINTENANCE & UPGRADES AGREEMENTS FOR MAXPRO NVR | |
|---|--|
| SSAMPNVRCH | Annual Software Support Agreement – MAXPRO NVR System with VMS support included, Per Channel |
| SSA24MPNVRCH | Annual 24/7 Software Support Agreement – MAXPRO NVR System with VMS support included, Per Channel |
| SSAEUMPNVRCH | Annual End User 24/7 Software Support Agreement – MAXPRO NVR System with VMS support included, Per Channel |

MAXPRO NVR PE – PART NUMBER LOOKUP



For more information

buildings.honeywell.com/security

Honeywell Commercial Security

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HSV-MPPE-11-US(1021)DS-ZD
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