

## Video Recording Platform Comparison Chart

		Desktop		Rackmount		
Support Live View + Recording (30 fps)	Tested: Milestone xProtect	NPR14162 (Atom)	NPR6602 (12th gen)	NPR5704 (13th gen)	NPR57244 (13th gen)	NPR6708 (13th gen)
Channels (up to)	4K (8MP) 1080P (2MP) 720P (1MP)	5ch 14ch 18ch	9ch 32ch 48ch	9ch 32ch 48ch	9ch 32ch 48ch	9ch 32ch 48ch
Local storage (max)		44TB	44TB	88TB	88TB	176TB

### HARDWARE INFORMATION

Form factor						
		1U	2U	1U	1U	2U
Dimensions		430 X 49.5 X 348 (mm)	430 X 84 X 339 (mm)	479.4 X 44 X 560 (mm)	479.4 X 44 X 560 (mm)	479.4 X 88 X 560 (mm)
POE (up to)		16 Cameras (240W)	N/A	N/A	24 Cameras (240W)	N/A
CPU		Intel® ElkHart Lake • Atom x6425E (optional) • Celeron J6412 (Included)	Intel 12/13/14 gen i3-i9	Intel 12/13/14 gen i3-i9	Intel 12/13/14 gen i3-i9	Intel 12/13/14 gen i3-i9
Integrated GPU		Intel® UHD Graphics	UHD 730/770	UHD 730/770	UHD 730/770	UHD 730/770
External GPU (PCIe 5.0 x16)		N/A	Intel Arc, Nvidia, Hailo (NVMe)	Intel Arc, Nvidia, Hailo (NVMe)	Hailo	Intel Arc, Nvidia, Hailo (NVMe)
Platform Controller Hub (PCH)		N/A	Intel® PCH R680E	Intel® PCH R680E	Intel® PCH Q870	Intel® PCH R680E
RAM (up to)		2 x DDR4 (32GB)	2 x DDR4 (64GB) Support ECC	2 x DDR4 (64GB) Support ECC	2 x DDR4 (64GB)	2 x DDR4 (64GB) Support ECC
Operating System (OS)		• Windows Win10 IOT Entry • Linux kernel 5.4	• Windows 10 IoT2021 LTSC(21H2) • Windows 11 • Linux Ubuntu	• Windows 10 IoT2021 LTSC(21H2) • Windows 11 • Linux Ubuntu	• Windows 10 IoT2021 LTSC(21H2) • Windows 11 • Linux Ubuntu	• Windows 10 IoT2021 LTSC(21H2) • Windows 11 • Linux Ubuntu
Other Storage Slots		2.5" SATA 3.0 + M.2 B-key 2242	M.2 M-key 2280 + M.2 B-key 2242	M.2 M-key 2280 + M.2 B-key 2242	M.2 M-key 2280 + M.2 B-key 2242	M.2 M-key 2280 + M.2 B-key 2242
Numbers of HDD		2 x 3.5"	(Hot-Swap) 2 x 3.5"	(Hot-Swap) 4 x 3.5"	(Hot-Swap) 4 x 3.5"	(Hot-Swap) 8x 3.5"
Storage Redundancy		Intel SW RAID 0/1	Intel SW RAID 0/1	Intel SW RAID 0/1/5/10 (Optional) HW RAID 0/5/10	Intel SW RAID 0/1/5/10 (Optional) HW RAID 0/5/10	HW RAID 0/5/10
Display Output		HDMI 2.0b (4K60) DVI-I	DisplayPort 1.4 (4K60) HDMI 2.0b (4K60) HDMI 1.4 (4K24)	DisplayPort 1.4 (4K60) HDMI 2.0b (4K60) HDMI 1.4 (4K24)	DisplayPort 1.4 (4K60) HDMI 2.0b (4K60)	DisplayPort 1.4 (4K60) HDMI 2.0b (4K60) HDMI 1.4 (4K24)
Network Connections		1 x GbE + 1 x 2.5GbE	2 x 2.5GbE (1x support Intel vPro)	2 x 2.5GbE (1x support Intel vPro)	2 x 2.5GbE (1x support Intel vPro)	2 x 2.5GbE (1x support Intel vPro)
Credential & Key Encryption		TPM 2.0	TPM 2.0	TPM 2.0	TPM 2.0	TPM 2.0

### POWER CONSUMPTION

Max. Power Consumption		410W	600W	600W	600W	600W
Redundant Power Supply		N/A	N/A	Optional (Removing PCIe Slot)	N/A	Optional

#### Footnote:

<sup>1</sup> Important: During transition periods, previous stock revisions may still be shipped.

<sup>2</sup> Diviotec reserves the right to correct any errors or typos. Always consult our website for the most up-to-date version of this document.

<sup>3</sup> End users must comply with the Windows Server IoT for Storage Workgroup EULA and all applicable Microsoft terms at all times.

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