

ApplianceStor174v5 : : : : : : : : : : Enterprise-Grade, 64- : : : : : : : : : : Channel, 4 th -Generation : : : : : : : : : : Intel Xeon Scalable 1U Recording Server | 250- Channel Recording Server with PixelStor

Rasient NFD Series of Products for Forensic-Grade Surveillance

Rasient Systems

3281 Kifer Rd, Santa Clara, CA 95051



Copyright © 2026 Rasient Systems, Inc. Specifications are subject to change without notice

For more information contact:

Tel: +1.408.730.2568 | **Toll Free:** +1.888.902.8981 | **Website:** www.rasient.com | **Sales:** sales@rasient.com |

Technical Support: techsupport@rasient.com

ApplianceStor174v4

Enterprise-Grade, 64-Channel, 4th -Generation
Intel Xeon Scalable 1U Recording Server |
250-Channel Recording Server with PixelStor



Datasheet

The **AS174v4** integrates VMS and storage in a simple to use, high performance video surveillance storage solution. It is optimized for video surveillance applications and delivers the performance required for the most demanding megapixel installations.

Powerful server and storage system, built around high-performance 3rd Generation Intel Xeon Scalable processor. It has 4 direct-attached high-capacity SAS drives (DAS), all in one box. With PixelStor, AS174 can support 250-channel with 500Mbps recording performance and 2PB storage.

Purpose-built open platform with MS Windows to integrate Video Management Software (VMS). All major VMS providers are pre-qualified and pre-loaded (e.g., Milestone, Genetec, Digifort, Qognify, ISS, and more). Most are continually added to ensure the widest possible certification coverage.

Effortless installation, management and administration.

Rasilient provides **a complete physical security solution**. All necessary components are offered, including high-performance recording, viewing/monitoring and administration servers, and high-performance storage.

Features



**1x Intel® Xeon® 6
processors and Optional
for Other Xeon**



Up to 512GB ECC RAM

Application



**All-in-One 64-Channel
Medium Installations**



**250-Channel Large
Installations with
PixelStor**

Specifications

CPU	1x Intel Xeon 6505 (optional for other Xeon CPUs)
RAM	Up to 512GB ECC DDR5 4800Mhz
GPU	Integrated ASPEED AST2600
Networking	2 or 4x GbE (w/ PixelStor), 1x Dedicated Management
Input / Output	4x USB 3.2, VGA, (3xmDP if GPU Installed)
Max Storage	Up to 80TB, w/PixelStor: Up to 2.16PB
RAID	RAID 0, 1, 5, 6, 10
Operating Systems	Windows Server 2019, 2022
Dimensions (W x D x H)	17.68" x 33.2" x 1.7" / 449 x 843 x 44 mm
Weight	Max 50 lb / 23 kg
Power Supply	1+1 Redundant 800W 100/240V AC 6A 47-63Hz
Operating Temperatures	10 - 35 °C
Recording Performance	All-in-One: 500 Mbps, w/ PixelStor: 1 Gbps

*Recording performance was tested using Milestone XProtect VMS and RAID5 storage. Performance may be different for other configurations.



* Configuration of product may differ based on options

Copyright © 2026 Rasilient Systems, Inc. Specifications are subject to change without notice

For more information contact:

Tel: +1.408.730.2568 | Toll Free: +1.888.902.8981 | Website: www.rasilient.com | Sales: sales@rasilient.com |
Technical Support: techsupport@rasilient.com