

Hardware Specifications

AS7012RD / AS7012RDX



Price



CPU

AS7012RD: Intel® Core i3 3.5GHz Dual-Core Processor
AS7012RDX: Intel® Xeon E3 3.4GHz Quad-Core Processor

Hardware Encryption Engine



Hardware Acceleration Engine

H.264 (AVC), H.265 (HEVC), MPEG-4 Part 2, MPEG-2, VC-1

Memory

AS7012RD: 4GB UDIMM DDR3 (Expandable. Max 32GB)
AS7012RDX: 4GB ECC UDIMM DDR3 (Expandable. Max 32GB)

HDD

12 x SATA3 6Gb/s; 3.5"/2.5" HDD/SSD

Maximum Internal Raw Capacity
 (Capacity may vary by RAID types)

168 TB (14 TB HDD X 12)

Maximum Drive Bays with [Expansion Unit](#)

24

Maximum Raw Capacity with Expansion
 Units
 (Capacity may vary by RAID types)

336 TB (14 TB HDD X 24)

Supports Single Volume Larger Than 16TB

	✓
Expansion	USB 3.0 x 4, eSATA x 2, 2 x for optional expansion 10-GbE / SAS card
Network	Gigabit Ethernet x 4
PCIe Expansion Slots	for optional 10GbE card and SAS card
LCD Panel	-
Size	88(H) x 439(W) x 535(D) mm
Weight	13.74 kg / 30.29 lb
Input Power Voltage	Internal Power Supply: 600W x2 100V to 240V AC
Power Consumption	AS7012RD: 122 W (Operation) 54.8 W (Disk Hibernation) 4.09 W (Sleep Mode) AS7012RDX: 123 W (Operation) 55.6 W (Disk Hibernation)4.13 W (Sleep Mode)
Volume Type	Single disk, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Output	HDMI 1.4a x 1
Infrared Receiver	-
Audio Output	-
Tray Lock	-
MyArchiveDisk Bays	11
Service LED Indicator	✓
Redundant power supply	✓

Software & Features

AS7012RD / AS7012RDX



Max. Resolution	2160P 4K
File Sharing	
Maximum Number of Users	16384
Maximum Number of Groups	512
Maximum Number of Shared Folders	512
Maximum Number of Concurrent Connections	2048
Max. No. of Backup Jobs	100
iSCSI	
Maximum Targets	256
Maximum LUNs	512
Virtualization Support	
VMware Ready	NFS, iSCSI
Citrix Ready	✓
Hyper-V Ready	✓
Eco-Friendly Design	

Auto-Standby for Both Internal and External Disks	✓
System Automatically Enters Sleep Mode (Schedule S3)	✓
Wake-on-LAN (WOL)	✓
Wake-on-WAN(WOW)	-

Apps

AS7012RD / AS7012RDX



ASUSTOR Portal	<ul style="list-style-type: none"> • YouTube TV • Chrome • Spotify
Photo Gallery	✓
FTP Explorer	✓
HiDrive Backup	✓
Google Drive	✓
Dropbox	✓
Mail Server	✓

Download Center	✓
Plex Media Server	✓
Max. No. of Concurrent Download Tasks	4
VPN Server	✓
Max. No. of VPN Server Connections	40
Surveillance Center	
Max. No. of Supported Cameras (With Add-On Licenses)	64
Surveillance Center Local Display	✓
Max. No. of Simultaneously Displayable Channels on Local Display	4
SoundsGood	
Web Browser Playback	✓
Local Playback	<ul style="list-style-type: none"> • HDMI • USB Speakers / DAC / Bluetooth Speakers
Playback via Other Devices	<ul style="list-style-type: none"> • AirPlay Speakers (with AiMusic on iOS device)
iTunes Server	
Local Playback	<ul style="list-style-type: none"> • HDMI • USB Speakers / DAC / Bluetooth Speakers
Playback via Other Devices	<ul style="list-style-type: none"> • AirPlay Speakers (with Remote on iOS device)