QNAP ES1686dc R2 NAS Rack (3U) Intel® Xeon® D D-2142IT 64 GB DDR4 0 TB QNAP QES Black, Grey



Brand : QNAP

Product code: ES1686DC-R2-2142IT-128G-US

Product name : ES1686dc R2

Intel Xeon D-2142IT 8-core 1.90 GHz, 64 GB RDIMM DDR4 ECC (4 x 16 GB), 16 x 3.5-inch, 4 x 10GbE SFP+, 132 × 446.2 × 587.75 mm
QNAP ES1686dc R2. Type: NAS. Chassis type: Rack (3U). Device class: Large Enterprise Business. Processor family: Intel® Xeon® D, Processor model: D-2142IT, Processor frequency: 1.9 GHz. Internal memory: 64 GB, Internal memory type: DDR4. Total installed storage capacity: 0 TB. Operating system installed: QNAP QES



Storage	
Storage drive capacity *	0 GB
Supported storage drive interfaces	Serial Attached SCSI (SAS)
Storage drive sizes supported	2.5,3.5"
RAID support *	✔
RAID levels	0, 1, 5, 6, 10, 50, 60
Online RAID migration	✔
Online RAID expansion	✔
Hot-swap drive bays	✔
Storage drives installed *	✘
Total installed storage capacity *	0 TB
Number of storage drives supported *	16
Installed storage drive type *	✘
Supported storage drive types *	HDD & SSD

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Xeon® D
Processor model *	D-2142IT
Processor frequency *	1.9 GHz
Processor boost frequency	3 GHz
Processor cores	8

Memory	
Internal memory *	64 GB
Internal memory type	DDR4
Maximum RAM supported	512 GB
Memory slots	8
Memory form factor	RDIMM/LRDIMM
ECC	✔
Flash memory	4000 MB

Network	
Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Jumbo frames support	✔
iSCSI support	✔

Design	
Cooling type *	Active
Product colour	Black, Grey
Number of fans	2 fan(s)
Fan diameter	6 cm
Fan diameter 2	6 cm
LED indicators	✔

Performance	
Type *	NAS
Device class *	Large Enterprise Business
Backup function *	✔
Buzzer	✔
Multilingual support	✔
Access Control List (ACL)	✔
Reset button	✔
On/off switch	✔
Hot spare	✔
S.M.A.R.T. support	✔

Software	
Operating system installed *	QNAP QES

Power	
Power supply location	Built-in
Power supply unit (PSU) capacity	700 W
Number of power supply units	1
Redundant power supply (RPS) support	✔
Power consumption (typical)	500.87 W
AC input voltage	90-264 V
Fan voltage	12 V

Weight & dimensions	
Width *	483.1 mm
Depth *	630.6 mm
Height *	132 mm
Package width	587 mm

Network	
Supported network protocols	CIFS/SMB2/SMB3, NFS v3/NFS v4.1, FTP, FTPS, TFTP, HTTP, HTTPS, SSH, iSCSI, Fibre Channel, SNMP, SMTP, SMSC

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
Fiber ports quantity	4
Fiber optic connector	SFP+
Ethernet LAN (RJ-45) ports *	3
PCI Express x8 (Gen 3.x) slots	2

Design	
Chassis type *	Rack (3U)

Weight & dimensions	
Package depth	750 mm
Package height	351 mm
Package weight	32.7 kg

Packaging content	
Cables included	AC, LAN (RJ-45), RS-232
Power cables quantity	2
Rack mount kit	✔
Number of screws	64
Package type	Box

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%
Storage temperature (T-T)	-20 - 70 °C

Other features	
Warranty period	5 year(s)

Catalog Object Cloud



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Publication date: 15-NOV-2026. Prints or copies of Information are only valid on the printed Publication date