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NETGEAR ReadyNAS 3138 NAS Rack (1U) Intel Atom® C2558 4 GB 0 TB Black

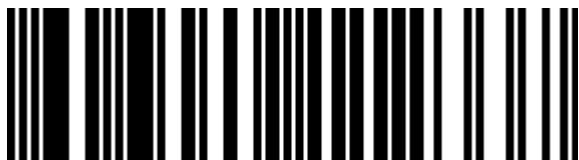**Brand :** NETGEAR

Product name : ReadyNAS 3138

Product code: RN3138-100NES

Intel Atom C2558 Quad Core 2.4GHz with QuickAssist, 4GB ECC UDIMM, Gigabit LAN, eSATA, USB, 180W, Diskless
NETGEAR ReadyNAS 3138. Type: NAS. Chassis type: Rack (1U). Device class: Large Enterprise Business. Processor family: Intel Atom®, Processor model: C2558, Processor frequency: 2,4 GHz. Internal memory: 4 GB. Total installed storage capacity: 0 TB

Storage

Storage drive interface *	Serial ATA
Storage drive size	2.5/3.5"
Maximum supported storage capacity	32 TB
RAID support *	✔
RAID levels	0, 1, 5, 6, 10
Hot-swap drive bays	✔
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4
Storage drives installed *	✘
Total installed storage capacity *	0 TB
Number of storage drives supported *	4
Installed storage drive type *	✘
Supported storage drive types *	HDD & SSD

Processor

Processor manufacturer *	Intel
Processor family *	Intel Atom®
Processor model *	C2558
Processor frequency *	2,4 GHz
Processor cores	4
Processor threads	4
Processor cache	2 MB
L3 cache	2 MB
ECC supported by processor	✔
PCI Express slots version	2.0
Physical Address Extension (PAE)	36 bit
Processor cache type	L3
Processor code	SR1CZ
Processor lithography	22 nm
Processor operating modes	32-bit, 64-bit
Processor package size	34 x 28 mm
Processor socket	BGA 1283
Stepping	B0
Thermal Design Power (TDP)	15 W
Maximum internal memory supported by processor	64 GB
Conflict-Free processor	✘

Memory

Internal memory *	4 GB
Flash memory	128 MB

Design

Product colour	Black
Number of fans	3 fan(s)
Fan diameter	4 cm
LED indicators	Activity, LAN, Power

Performance

Type *	NAS
Device class *	Large Enterprise Business
Backup function *	✔
Backup features	Cloud
Noise level	28 dB
Security algorithms	256-bit AES
Network Time Protocol (NTP) client	✔
S.M.A.R.T. support	✔

Power

Power supply location	Built-in
Power supply unit (PSU) capacity	180 W
Number of power supply units	1
Power consumption (typical)	55 W
Power consumption (off)	0,3 W
AC input voltage	100-240 V
AC input frequency	50 - 60 Hz

Weight & dimensions

Width *	406 mm
Depth *	486 mm
Height *	44 mm
Weight	5,21 kg

Processor special features

Embedded options available	✔
Execute Disable Bit	✔
Graphics & IMC lithography	22 nm
Intel 64	✔
Intel QuickAssist Technology	✔
Intel Virtualization Technology (VT-x)	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✘

Network

Ethernet LAN *	✔
Ethernet LAN data rates	1000 Mbit/s
Wi-Fi	✘
Jumbo frames support	✔
iSCSI support	✔
Wake-on-LAN ready	✔
Supported network protocols	TC P/I P, IPv4, IPv6
Link aggregation	✔
Load balancing system	✔

Ports & interfaces

USB 2.0 ports quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
eSATA ports quantity	2
Ethernet LAN (RJ-45) ports *	4

Design

Chassis type *	Rack (1U)

Processor special features

Intel® Turbo Boost Technology	✘
Maximum number of PCI Express lanes	16
Physical Address Extension (PAE)	✔
UART	✔
Memory channels supported by processor	Dual
Memory types supported by processor	DDR3-SDRAM, DDR3L-SDRAM

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%

Logistics data

Harmonized System (HS) code	84714100

Other features

Certification	FCC B, CE B, RoHS, VCCI B
Processor ARK ID	77983

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Catalog Object Cloud