QNAP

QNAP TS-2483XU-RP NAS Teline (4U) Intel® Xeon® E-2136 16 GB DDR4 0 TB QNAP QTS musta

Tuotemerkki : QNAP

Tuotekoodi: TS-2483XU-RP-E2136-16G

Tuotteen nimi : TS-2483XU-RP

QNAP TS-2483XU-RP. Malli: NAS. Alustatyyppi: Teline (4U). Laitteen luokka: Suuryritys. Suoritinperhe: Intel® Xeon®, Prosessorimalli: E-2136, Prosessorin taajuus: 3,3 GHz. Sisäinen muisti: 16 GB, Sisäisen muistin tyyppi: DDR4. Asennetun muistin kokonaiskapasiteetti: 0 TB. Käyttöjärjestelmä asennettu: QNAP QTS
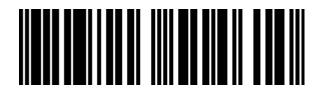
Storage

Storage drive capacity *	0 GB
Supported storage drive interfaces	Serial ATA III
Storage drive sizes supported	2.5,3.5"
RAID support *	✔
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD
Online RAID migration	✔
Online RAID expansion	✔
RAID rebuild	✔
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 *	24
Installed storage drive type *	✘
Supported storage drive types *	HDD & SSD
Bad block scan	✔

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Xeon®
Processor model *	E-2136
Processor frequency *	3.3 GHz
Processor boost frequency	4.5 GHz
Processor cores	6
Processor threads	12
Processor cache	12 MB
Bus type	DMI3
CPU configuration (max)	1
ECC supported by processor	✔
PCI Express configurations	1x16, 2x8, 1x8+2x4
PCI Express slots version	3.0
Processor cache type	Smart Cache
Processor codename	Coffee Lake
Processor lithography	14 nm
Processor operating modes	64-bit

Performance

Backup features	Cloud, iSCSI LUN
Buzzer	✔
Multilingual support	✔
Noise level	28.7 dB
Web-based management	✔
Share folder access right management	✔
Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMPv3, SSH, SSL/TLS
Access Control List (ACL)	✔
Reset button	✔
On/off switch	✔
Built-in iTunes server	✔
Built-in FTP server	✔
Browser supported	Apple Safari 7+, Google Chrome, Microsoft Internet Explorer 10+, Mozilla Firefox
System log	✔
Hot spare	✔
S.M.A.R.T. support	✔
Share folder	CIFS/SMB
Universal Plug and Play (UPnP)	✔

Software

Operating system installed *	QNAP QTS
Operating system version	4.3.5
Windows operating systems supported	Windows 10, Windows 7, Windows 8
Linux operating systems supported	✔
Mac operating systems supported	Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks

Processor

Processor package size	37.5 x 37.5 mm
Processor socket	LGA 1151 (Socket H4)
Scalability	1S
System bus rate	8 GT/s
Tjunction	100 °C
Thermal Design Power (TDP)	80 W
On-board graphics card model	Not available
Maximum internal memory supported by processor	128 GB
Memory bandwidth supported by processor (max)	41.6 GB/s

Memory

Internal memory *	16 GB
Internal memory type	DDR4
Maximum RAM supported	64 GB
Memory slots	4
Flash memory	5000 MB

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000,10000 Mbit/s
Ethernet LAN data rate supported (max)	10000 Mbit/s
Wi-Fi	✘
DHCP client	✔
DHCP server	✔
Jumbo frames support	✔
iSCSI support	✔
Wake-on-LAN ready	✔
Supported network protocols	TCP/IP, IPv4, IPv6
Link aggregation	✔
Dynamic DNS (DDNS)	✔
WLAN adapter supported	✔

Ports & interfaces

USB port *	✔
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Fiber ports quantity	2
Fiber optic connector	SFP+
Ethernet LAN (RJ-45) ports *	4
PCI Express x4 (Gen 3.x) slots	2
PCI Express x8 (Gen 3.x) slots	1

Design

Chassis type *	Rack (4U)
Cooling type *	Active
Product colour	Black
Number of fans	4 fan(s)
Fan diameter	9.2 cm
LED indicators	HDD, LAN, Status
Cable lock slot	✔
Cable lock slot type	Kensington

Performance

Type *	NAS
Device class *	Large Enterprise Business
Backup function *	✔

Software

Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016

Power

Power supply location	Built-in
Power supply unit (PSU) capacity	800 W
Number of power supply units	2
Redundant power supply (RPS) support	✔
Power consumption (typical)	168.97 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Fan voltage	12 V

Weight & dimensions

Width *	481 mm
Depth *	672 mm
Height *	176.2 mm
Weight	20.7 kg
Package weight	28.6 kg

Packaging content

Cables included	AC, LAN (RJ-45)
Quick installation guide	✔
Number of screws	192

Processor special features

Embedded options available	✘
Enhanced Intel SpeedStep Technology	✔
Execute Disable Bit	✔
Idle States	✔
Intel 64	✔
Intel Enhanced Halt State	✔
Intel Secure Key Technology version	1.00
Intel Trusted Execution Technology	✔
Intel TSX-NI	✔
Intel TSX-NI version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® OS Guard	✔
Intel® Secure Key	✔
Intel® Turbo Boost Technology	2.0
Maximum number of PCI Express lanes	16
Thermal Monitoring Technologies	✔
Memory channels supported by processor	Dual
Memory types supported by processor	DDR4-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	
Digital Living Network Alliance (DLNA) certified	✔
Processor ARK ID	134857

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