## QNAP TS-464eU NAS Teline (1U) Intel® Celeron® N5095 8 GB DDR4 0 TB QNAP Turbo System Alumiini, musta

Tuotemerkki : QNAP

Tuotekoodi: TS-464EU-8G



Tuotteen nimi : TS-464eU

QNAP TS-464eU. Malli: NAS. Alustatyyppi: Teline (1U). Laitteen luokka: Pienet & Keskikokoiset Yritykset. Suoritinperhe: Intel® Celeron®, Prosessorimalli: N5095, Prosessorin taajuus: 2 GHz. Sisäinen muisti: 8 GB, Sisäisen muistin tyyppi: DDR4. Asennetun muistin kokonaiskapasiteetti: 0 TB. Käyttöjärjestelmä asennettu: QNAP Turbo System

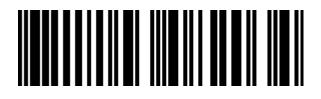
Supported storage drive interfacesSerial ATA III, Serial ATA IIIMultilingual supportStorage drive sizes supported2.5.3.5.M.2SnapshotNumber of M.2 (M & B) slots2Management protocolsSNMP V2/V3AID support *-Share folder access rightRAID levels0.1.5.6.10. JBODSecurity algorithms256-bit AES, FIPS 140-2, HTTPS, SSFOnline RAD migration-Access Control List (ACL)RAID rebuild-Reset buttonHot-swap drive bays-On/off switchStorage drives installed *XBuilt-in FTP serverApple Safari, Google Chrome, Microsoft Edge, Mozilla FirefoxStorage drive sinstalled *XSystem logNumber of storage drive supported4Hot spare-Installed storage drive supportedHD & SSDSMART. supportNumber of storage drive supportedHD & SSDSMART. supportProcessor manufacturer *IntelOfdzProcessor frequency *2 GH2Porcessor frequency *SoldProcessor frequency *2 GH2Forcessor Frequency *SoldProcessor frequency *101Processor frequency *8 GB1Processor frequency *0 GH2Processor frequency *8 GB1Processor frequency *0 GH2Processor frequency *8 GB<	Storage		Performance	
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Supported file systemsApple Safari, Google Chrome, Microsoft Edge, Mozilla FirefoxStorage drives installed *×Browser supportedApple Safari, Google Chrome, Microsoft Edge, Mozilla FirefoxTotal installed storage capacity *0 TBSystem logNumber of storage drive supported4Hot spareInstalled storage drive type *XPassword authenticationInstalled storage drive type *HDD & SSDDisk scanSupported storage drive type *HDD & SSDSM.A.R.T. supportDisk roaming*SoftwareCIFS/SMBProcessorIntelOperating system installed * Operating system installed * Operating system versionQNAP Turbo SystemProcessor foreguency *2 GHzOperating system versionSo.0Processor cores4HBSupported Supported Suppo	Hot-swap drive bays	1	On/off switch	1
Browser supported     Apple Safar, Google Chrome, Microsoft Edge, Mozilla Firefox       Storage drives installed storage capacity     0 TB     System log        Number of storage drive supported     4     Hot spare        Installed storage drive type*     X     Password authentication        Supported storage drive type*     MDD & SSD     Disk scan         Supported storage drive type*     HDD & SSD     SMA.R.T. support         Processor     Intel® Celeron®     Software     CIFS/SMB       Processor family*     Intel® Celeron®     Operating system installed *     QNAP Turbo System       Processor frequency     2 GHz     Operating system version     S.0.0       Processor threads     4     Software     Supported Storage drive type     Software       Processor frequency     2 GHz     Settware     Software     Software       Processor threads     4     Software     Software     Software       Processor threads     4     Software     Software     Software       Processor threads     4     Software     Software     Software       CPU configuration (max)     1     Software     Software     Software       CPU configuration (max)     1     Software     Software     So	Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3,	Built-in FTP server	1
Number of storage drives support4Hot spare✓Number of storage drives support4Hot spare✓Installed storage drive type *XDisk scan✓Supported storage drive types *HDD & SSDS.M.A.R.T. support✓Disk roaming✓✓Share folderCIFS/SMBProcessorIntelOperating system installed *ONAP Turbo SystemProcessor framily *IntelOperating system versionS.0.0Processor frequency2.9 GHzVVVProcessor threads4VVL3 cache4 MBVVVOurbard graphics card modelIntelVVVOn-board graphics card modelIntelVVVInternal memory *8 GBGBLVVVInternal memory typeDDR4VVVVMaximum RAM supported16 GBVVVVNamber of storage and support16 GBVVVVNamber of storage and support10VVVVNumber of storage and support10VVVVNumber of storage and support10VVVVInternal memory *8 GBVVVVVMaximum RAM supported16 GBVVVVVNone of storage and support10VVVVVNo			Browser supported	
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*Password authentication·Installed storage drive type *XDisk scan·Supported storage drive type *HDD & SSDDisk scan·Disk roaming·SMA.R.T. support·Processor·SMA.R.T. supportOtersonProcessor manufacturer *IntelOperating system installed *QNAP Turbo SystemProcessor frequency *2 GH2Operating system versionS.0.0Processor threads4SSSProcessor threads4SSSProcessor threads1SSSProcessor supported1SSSProcessor threads1SSSProcessor supported1SSSProcessor supported1S	Number of storage drives supported	4	Hot spare	1
Supported storage drive types         HDD & SSD         Jisk scan         Important scan           Disk roaming         IND & SSD         S.M.A.R.T. support         Important scan         Important scan <td>*</td> <td></td> <td>Password authentication</td> <td>1</td>	*		Password authentication	1
Disk roamingS.M.A.R.T. supportIndelProcessorShare folderCIFS/SMBProcessor manufacturer *IntelSoftwareProcessor family *Intel® Celeron®Operating system installed *ONAP Turbo SystemProcessor model *N5095Operating system version5.0.0Processor frequency *2 GHzOperating system version5.0.0Processor ores4SeftwareSeftwareProcessor threads4SeftwareSeftwareL3 cache4 MBSeftwareSeftwareCPU configuration (max)1SeftwareSeftwareNumber of processor supported1SeftwareSeftwareInternal memory *8 GBSeftwareSeftwareInternal memory typeDDR4SeftwareSeftwareMaximum RAM supported16 GBSeftwareSeftware			Disk scan	1
ProcessorShare folderCIFS/SMBProcessor manufacturer *IntelSoftwareProcessor family *Intel® Celeron®Operating system installed *QNAP Turbo SystemProcessor model *N5095Operating system version5.0.0Processor frequency *2 GHzOperating system version5.0.0Processor cores4SoftwareSoftwareProcessor threads4SoftwareSoftwareL3 cache4 MBSoftwareSoftwareCPU configuration (max)1SoftwareSoftwareNumber of processors supported1SoftwareSoftwareInternal memory *8 GBSoftwareSoftwareInternal memory typeDDR4SoftwareSoftwareMaximum RAM supported16 GBSoftwareSoftware			S.M.A.R.T. support	1
SoftwareProcessor manufacturer *IntelProcessor family *IntelProcessor family *IntelProcessor model *N5095Processor frequency *2 GHzProcessor boost frequency2.9 GHzProcessor cores4Processor threads4L3 cache4 MBCPU configuration (max)1Number of processors supported1On-board graphics card modelIntelInternal memory *8 GBInternal memory typeDDR4Maximum RAM supported16 GB	Disk roaming	7	Share folder	CIFS/SMB
Processor family*Intel® Celeron®Operating system installed*QNAP Turbo SystemProcessor model *N5095Operating system version5.0.0Processor frequency *2 GHzSecondSecondProcessor boost frequency2.9 GHzSecondSecondProcessor cores4SecondSecondSecondProcessor threads4SecondSecondSecondL3 cache4 MBSecondSecondSecondCPU configuration (max)1SecondSecondSecondNumber of processors supported1SecondSecondSecondInternal memory *8 GBSecondSecondSecondSecondInternal memory typeDDR4SecondSecondSecondSecondMaximum RAM supported16 GBSecondSecondSecondSecond	Processor		Software	
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Number of processors supported1On-board graphics card modelIntel® UHD GraphicsMemory8 GBInternal memory typeDDR4Maximum RAM supported16 GB				
On-board graphics card modelIntel® UHD GraphicsMemory8 GBInternal memory typeDDR4Maximum RAM supported16 GB	CPU configuration (max)	1		
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Internal memory *8 GBInternal memory typeDDR4Maximum RAM supported16 GB	On-board graphics card model	Intel <sup>®</sup> UHD Graphics		
Internal memory type DDR4 Maximum RAM supported 16 GB	Memory			
Maximum RAM supported 16 GB	Internal memory *	8 GB		
	Internal memory type	DDR4		
Momony slots	Maximum RAM supported	16 GB		
	Memory slots	2		

Memory		Software	
Memory form factor	SO-DIMM		Windows 10, Windows 10
Flash memory	4000 MB		Education, Windows 10 Education x64, Windows 10 Enterprise,
Network			Windows 10 Enterprise x64,
Ethernet LAN *	1		Windows 10 Home, Windows 10 Home x64, Windows 10 IOT Core,
Ethernet LAN data rates	10,100,1000,2500 Mbit/s		Windows 10 IoT Enterprise, Windows 10 Pro, Windows 10 Pro
DHCP server			x64, Windows 10 x64, Windows 11,
Jumbo frames support			Windows 11 x64, Windows 7, Windows 7 Enterprise, Windows 7
iSCSI support	v v	Windows operating systems supported	Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64,
Wake-on-LAN ready Dynamic DNS (DDNS)	y J	Supporteu	Windows 7 Home Premium,
Ports & interfaces	•		Windows 7 Home Premium x64, Windows 7 Professional, Windows 7
USB port *	,		Professional x64, Windows 7 Starter, Windows 7 Starter x64,
USB 2.0 ports quantity	2		Windows 7 Ultimate, Windows 7
USB 3.2 Gen 2 (3.1 Gen 2) Type-A			Ultimate x64, Windows 7 x64, Windows 8, Windows 8 Enterprise,
ports quantity	2		Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows
HDMI ports quantity HDMI version	1 1.4b		8 x64
Ethernet LAN (RJ-45) ports *	2	Linux operating systems supported	✓
Design			Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12
Chassis type *	Rack (1U)		Sierra, Mac OS X 10.13 High Sierra,
Cooling type *	Active	Mac operating systems supported	Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.15.3
Product colour	Aluminium, Black		Catalina, Mac OS X 10.2 Jaguar, Mac OS X 11.0 Big Sur, Mac OS X 12.0
Number of fans	3 fan(s)		Monterey, Mac OS X 13.0 Ventura
Fan diameter LED indicators	4 cm HDD, LAN, Power, SSD, Status, USB		Windows Server 2008 R2, Windows
Performance	HDD, LAN, FOWER, 55D, Status, 65D	Server operating systems supported	Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows
Type *	NAS		Server 2019
Device class *	Small & Medium Business	Power	
Backup function *	✓	Power supply location Power supply unit (PSU) capacity	Built-in 100 W
Backup features	Cloud, iSCSI LUN	Power consumption (typical)	35.297 W
Buzzer	<ul> <li>Image: A start of the start of</li></ul>	Power consumption (HDD standby)	
		AC input voltage	100 - 240 V
		AC input frequency	50 - 60 Hz
		Fan voltage	12 V
		Weight & dimensions Width *	482.6 mm
		Depth *	482.0 mm
		Height *	43.3 mm
		Weight	4.35 kg
		Package weight	5.91 kg
		Packaging content	
		Cables included	AC, LAN (RJ-45)
		Power cables quantity Quick installation guide	1
		Rack mount kit	v V
		Number of screws	28
		Processor special features	
		Enhanced Intel SpeedStep Technology	1
		Idle States	1
		Intel 64	✓
		Intel Trusted Execution Technology	×
		Intel Virtualization Technology (VT- x)	1
		N Intel Virtualization Technology for	1
		Directed I/O (VT-d)	•

## Processor special features

Storage relative humidity (H-H) 5 - 95%

Intel VT-x with Extended Page Tables (EPT)	1
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%
Storage temperature (T-T)	-20 - 70 °C



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