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► TS-332X-4G

CPU	AnnapurnaLabs Alpine AL-324 64-bit ARM® Cortex-A57 quad-core 1.7GHz processor
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CPU Architecture	64-bit ARM
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Floating Point Unit	✓
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Encryption Engine



System Memory

4 GB SODIMM DDR4 (1 x 4GB)

Maximum Memory

16 GB (1 x 16 GB)

Memory Slot

1 x SO-DIMM DDR4

Flash Memory

512 MB (Dual boot OS protection)

Drive Bay

3 x 3.5-inch SATA 6Gb/s, 3Gb/s

Drive Compatibility

3.5-inch SATA hard disk drives
2.5-inch SATA hard disk drives
2.5-inch SATA solid state drives

A 2.5" drive tray base is needed to install a 2.5" SSD/HDD

Hot-swappable



M.2 SSD Slot

3 x M.2 2280 SATA 6Gb/s slots

M.2 SSD is sold separately

SSD Cache Acceleration
Support



Gigabit Ethernet Port (RJ45)

2

10 Gigabit Ethernet Port

1 x 10GbE SFP+

Jumbo Frame



USB 3.0 port

3

Audio Output

1 x built-in speaker, 1 x 3.5mm line out jack (for amplifiers or speakers)

You cannot use the speakers and the line-out jack simultaneously.

Form Factor

Tower

LED Indicators

System Status, LAN, USB, HDD1~3, M.2 SSD1~3

[Pre-Sales Online Chat](#)

[NAS Selector](#)

Buttons	Power, Reset, USB Copy
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Dimensions (HxWxD)	5.59 × 5.91 × 10.24 inch
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Weight (Net)	3.62 lbs
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Weight (Gross)	5.93 lbs
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Operating temperature	0 - 40 °C (32°F - 104°F)
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Relative Humidity	5-95% RH non-condensing, wet bulb: 27 °C (80.6 °F)
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Power Supply Unit	90W adapter, 100 - 240V
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Power Consumption: HDD Sleep Mode	18.56 W
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Power Consumption: Operating Mode, Typical	26.22 W
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With drives fully populated

Fan	1 x 90mm, 12VDC
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Sound Level	17.5 db(A)
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System Warning	Voice prompts or Buzzer
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Kensington Security Slot



Note: Use only QNAP memory modules to maintain system performance and stability. For NAS devices with more than one memory slot, use QNAP modules with identical specifications. Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.

* Sound Level Test Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.

Designs and specifications are subject to change without notice.

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