

# IS-453S

4-bay Industrial NAS/NVR for Tough or Mobile Environments



## Features

- » Rugged design with high resistance to impact (100kgs pressure) and vibration (Compliant with the military-grade MIL-STD-810G-514.6E-1)
- » Dust-resistant and fanless design
- » Wide operating temperature range: -40°C ~ 50°C (-40°F ~ 120°F)
- » AES-NI hardware encryption acceleration
- » Up to 221MB/s read and 214MB/s write speed with 2 Gigabit LAN ports
- » Complete solutions for file sharing, backup, disaster recovery, and data security management

## Specifications

|                             |   |
|-----------------------------|---|
| Form factor                 |   |
| SBC Form Factor             | 22nm Intel® Atom™ quad-core 1.91GHz   |
|                             | Two 1333/1600 MHz DDR3L SO-DIMM slots (for dual-DIMM configurations, you must use a pair of identical DDR3L modules.) |
| I/O Interface               |   |
| I/O Ports                   | 2 x Gigabit RJ-45 Ethernet port   |
|                             | 2 x USB 3.0   |
|                             | 2 x USB 2.0   |
|                             | 1 x HDMI™   |
| System                      |   |
| Cooling method / System Fan | Fanless   |
| Drive Bays                  | 4 x 2.5" SATA SSD/HDD   |
| Physical Characteristics    |   |
| Construction                | Power Input 1: DC power jack, external power adaptor, 12V, 90W, Input: 100-240V                                       |
|                             | Power Input 2: 4-pin terminal block, 9-36V DC   |
|                             | *Power consumption:   |
|                             | HDD sleep mode: 9.01 W  |
|                             | In operation: 10.04 W   |
|                             | S3 sleep: 0.82 W  |
| Dimensions                  |   |
| Dimensions                  | 59 (H) x 180 (W) x 247 (D) mm   |
| Weight                      |   |
| Weight                      | 1.11 kg / 3.2 kg  |
| Environment                 |   |
| Operating Temperature       | -40°C ~ 50°C  |

## Ordering Information

|                |   |
|----------------|---|
| IS-453S-8G-R10 | Industrial Grade, Rugged NAS with 4 x 2.5" Drive bays, Intel Atom E3845 quad-core 1.9GHz, pre-installed 8GB DDR3L RAM |
|----------------|---|

## Packing List

|                |                                    |
|----------------|------------------------------------|
| 1 x IS-453S    | 2 x Ethernet cable                 |
| 1 x AC adapter | 12 x Flat head screw (for 2.5 HDD) |
| 1 x Power cord | 1 x QIG                            |