ICECube

ICECube is a RAID solution based on cost-effective S-ATA II hard disks with a gross memory capacity of up to maximally 5.0 Terrabytes (5 x 1.0 TByte HDDs).
ICECube is configured over the intuitive user interface via Web browser and reduces installation effort to a minimum.
ICECube is quiet and its compact dimensions make mobile and flexible utilization possible.
RAID Level 6 support protects the system from multiple hard disk failures.

ICECube is optionally available as U320 SCSI/ S-ATA II RAID solution and can be used as Direct Attached Storage System (DAS) or alternatively with Gbit/S-ATA II as iSCSI Target (SAN) mass storage.

Hard disk failures are issued via SNMP and/or SMTP

ICECube features at a glance:

- up to five S-ATA II (I) hard disks
- Supports multiple RAID groups
- RAID Level 0, 1, 0+1, 3, 5, 6, JBOD
- Automatic rebuild
- Hot plugging hard disks
- Administration through WebBrowser
- Messaging via SMTP and SNMP
- Available with 1x U320 SCSI (DAS) or 2x Gbit LAN Host Channels (iSCSI)

N-TEC GmbH· Oskar-Messter-Str. 14· D-85737 Ismaning
www.ntecgmbh.de· info@ntecgmbh.de
Phone +49 (0)89 9584070· Fax +49 (0)89 95840711

ICECube

	ICECube SCSI	ICECube iSCSI
Configuration		
Capacity (gross, up to)	5,0 TByte	5,0 TByte
Operating System	Platform independent	Platform independent
Power Supply	250Watt, single	250Watt, single
Connections		
Host Channels	1 x SCSI U320	2 x Gigabit (Copper) iSCSI
Management Ports	1x Serial (RS232C) firmware management 1x Fast Ethernet (10/100 MBit,RJ45 Copper)	1x Serial (RS232C) firmware management 1x Fast Ethernet (10/100 MBit,RJ45 Copper)
HDD Channels	5x SATA	5x SATA
Hot swap Carrier	5x SATA	5x SATA
RAID Controller	QSAN IntelliRAID S50C	QSAN IntelliRAID P50C
No. of Controllers	1x	1x
CPU	INTEL RISC 500 Mhz IOP 80331	INTEL RISC 500 Mhz IOP 80331
RAID levels	0, 1 (0+1), 3, 5 , 6 + JBOD	0, 1 (0+1), 3, 5 , 6 + JBOD
Cache	256 MB to 2 GB DDR 333 DIMM	256 MB to 2 GB DDR 333 DIMM
Configuration	Support for multiple RAID sets	Support for multiple RAID sets
Equipment		
Power Supply	1 x 250 Watt	1 x 250 Watt
Fans	1x 8 cm power unit fan and 2x 6 cm housing fans	1x 8 cm power unit fan and 2x 6 cm housing fans
Management	via Web browser	via Web browser
Software	GUI via Ethernet	GUI via Ethernet
Monitoring Messaging	SNMP. SMTP	SNMP. SMTP
Physical		
Dimensions (WxDxH) in mm	9,30 x 9,90 x 14,80 cm	9,30 x 9,90 x 14,80 cm
Weight (without HDDs)	5Kg	5Kg
Environmental		
Temperature	Operating 10°C to 35°C Non operating –10°C to 50°C	Operating 10°C to 35°C Non operating –10°C to 50°C
Humidity	5~95%, non-condensing	5~95%, non-condensing
Altitude	Operating 0 – 10000ft Non-operating 0 – 20000ft	Operating 0 – 10000ft Non-operating 0 – 20000ft

N-TEC GmbH· Oskar-Messter-Str. 14· D-85737 Ismaning
www.ntecgmbh.de· info@ntecgmbh.de
Phone +49 (0)89 9584070· Fax +49 (0)89 95840711