Introducing the all-new Pro Data

Your creativity and data are your most important assets. **iodyne Pro Data** delivers revolutionary performance, storage capacity, and data security for your next project.

Whoa × 5 GB/s

THUNDERBOLT × 8 + NVMe SSD × 12

Multi-Path Performance

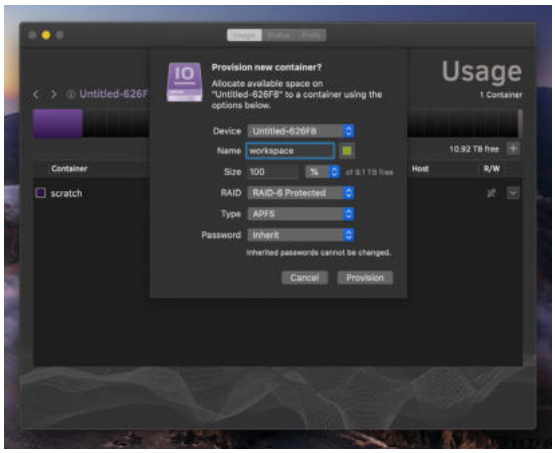
For the first time, combine multiple Thunderbolt connections to boost bandwidth to a single computer.

Multi-User Versatility

Share storage space and handoff tasks across your team and multiple computers for ultimate workflow flexibility.

Pro Data builds on Thunderbolt's breathtaking speed and daisy-chain expandability, and takes its amazing capabilities to new heights. With eight full-speed ports, there's no need to sacrifice peripherals: just connect your displays and other down-stream devices to Pro Data, and boost your productivity without losing a single port.

Thunderbolt connectivity ensures Pro Data works with every computer and every app you have today, or might buy in the future. Pro Data is the fastest Thunderbolt storage for M1 Macs, and the fastest Thunderbolt RAID array. Use it to redesign your next setup, or supercharge your existing one.



Containers

Create Transactional RAID-6 containers for your critical work and backups, or RAID-0 Scratch containers to streamline access to your app's temporary files.

Storage Handoff

Up to four computers can connect simultaneously to the same Pro Data and use Storage Handoff to distribute workflow tasks.

Twelve lightning-fast NVMe SSDs transparently combine with our unique RAID and Encryption technology to deliver unparalleled data protection, while delivering peak performance across sustained workloads. Control all these features using our simple, elegant, and native macOS app.

RETHINKING

Pro Versatility

Through iodyne's intuitive and powerful design, all twelve NVMe SSDs are combined in a single storage pool sharing data and parity space. Create containers to keep projects and tasks organized and protected with configurable RAID levels.

Technical Specifications

Capacity
12 TB, 24 TB or 48 TB, expandable up to 1.7 PB[1]

Expansion
Up to 6 devices can be daisy-chained per Thunderbolt port pair. Multiple daisy-chains can be connected to computers with more than one Thunderbolt host port.

Performance
Up to 5 GB/s bandwidth

Connectivity
8 × 40 Gbps Thunderbolt 3 ports: 4 upstream to one or more computers; 4 downstream to other devices and accessories

Cables
0.7m 40Gbps included.
2m or 50m 40Gbps available.

OS Support
macOS 11.0+ (Big Sur, Monterey, Ventura)
Windows and Linux in beta

Power
180W GaN power adapter, 110-220V 50-60Hz

Dimensions
15.39" × 10" × 1.4", 7.3 lb
39.1cm × 25.4cm × 3.55cm, 3.3kg

Interlocking vertical stand included.

Features
Transactional RAID-6 and RAID-0
Data checksums and self-healing
XTS-AES-256 encryption with hardware secure enclave
NVMe Thunderbolt multi-pathing up to four paths
Multi-user connectivity for up to four computers
Storage Handoff between connected macOS computers
Dynamic containers, up to 15 per device
RAID Levels per-container with adaptive striping and parity
Automatic SSD fault management and RAID resilvering
Designed for easy self-repair of SSD modules

Protocols
NVM EXPRESS® THUNDERBOLT™

Warranty
1 year standard. Extended to 3 years at no charge upon registering your device with an iodyne Cloud account.
Free replacement SSD modules while device is in Warranty.

Total Bytes Written
12T: 6,000 TB TBW
24T: 8,000 TB TBW
48T: 16,000 TB TBW

Max. Available Capacity[2]

SKU	RAID-0	RAID-6
12T	12 TB	10 TB
24T	24 TB	20 TB
48T	48 TB	40 TB

Safety Standards
IEC 62368-1:2014

EN 62368-1:2014 + A11:2017 (US), A11:2018 (Canada), A11:2019 (EU), A11:2020 (Australia & New Zealand), and A11:2021 (Japan)

BIS Export Compliant ECCN 5A992 (US)

Environmental Standards
RoHS compliant
REACH compliant
100% recycled pulp packaging

EMC Standards
US: FCC 47 CFR Part 15 Subpart B

Canada: ICES-003 Issue 6:2016

European Union:
EN 55032:2015 + AC:2016
EN 55035:2017
EN 61000-3-2:2014
EN 61000-3-3:2013

Australia & New Zealand: AS/NZS CISPR 32:2015

Japan: VCCI-CISPR 32:2016

1. Data quantities refer to International System of Units (SI) decimal prefixes: 1MB = 10^6 bytes, 1GB = 10^9 bytes, and 1TB = 10^{12} bytes, and one byte is a data element that is eight bits in size as defined in ISQ/IEC 80000.

2. Additional capacity used for error correcting codes, metadata, and defect redundancies not included. Metadata, metadata RAID parity, and OS-specific formatting such as partition tables and boot partitions may reduce capacity.