



Note: All Catapult workstations and servers purchased from Catapult for Catapult software use will contain a Windows operating system license and custom operating system and component configuration settings to obtain maximum performance. All prices and system specifications are subject to change.

Catapult Sports Hardware List

Items Added \ Updated

- Catapult Video Laptop 14 2TB - [Item # KCVL14-2]
 - Laptop updated from Dell Pro Max 14 to Dell Pro Precision 5 14S
- Catapult **Openfield** Laptop 14 2TB - **2 Dock Maximum** - [Item # KCOL14-2]
 - Laptop updated from Dell Pro Max 14 to Dell Pro Precision 5 14S

Items Removed

- CAT R760-6 **8TB** HDD Combo Server 128GB (2RU - 29 TB Formatted) [Item #v7224]



Catapult Workstations

Catapult Video Laptop 16 1TB-32GB - [Item # KCVL16-1-32GB-5G]

- Dell Pro Max 16 Plus (MB16250) XCTO Base
- Intel(R) Core(TM) Ultra 9 processor 285HX, 55W vPro
- Windows 11 Pro
- 32GB: 2x16GB 6400 MTs DDR5 CSoDIMM, non-ECC
- Intel(R) Core(TM) Ultra 9 285HX
- NVIDIA RTX PRO 2000 Blackwell 8GB GDDR7
- Intel vPro Enterprise Technology Enabled
- 1TB Performance SSD Gen5, SED Ready
- 16" FHD+ LCD 1920x1200 with 500nits, DCI-P3 100%, VRR 120Hz, Non-touch, WLAN + WWAN, RGB Camera, Mic
- FHD RGB Camera, HDR, TNr4
- English US backlit Copilot key keyboard with numeric keypad
- Intel BE200 WLAN Driver with Bluetooth
- Intel Wi-Fi 7 BE200 Wireless Card
- 6 cell, 96Whr, ExpressCharge(TM) Capable, Long Life Cycle battery, 3-year warranty
- 280W AC adapter, USB Type C
- Palmrest, No Security
- E5 Power Cord 1M for US
- Not ENERGY STAR Qualified
- Intel Core Ultra 9 vPro Processor Label
- BTO Standard Shipment (M)
- English, French, Spanish, Brazilian Portuguese
- Intel Connectivity Performance Suite for Evo/vPro
- Client Program Management Support
- No Additional Hard Drive
- Verizon Promo Referral
- WWAN 5G Qualcomm Snapdragon X72 with E-Esim
- NO RAID
- Intel(R) Rapid Storage Technology Driver
- Custom Configuration
- Dell Pro 16 Plus Standard Bottom Cover
- Basic Onsite Service 36 Months
- ProSupport and Next Business Day Onsite Service Initial, 36 Month(s)

Additional Items Included

- (1) USB Mouse (Black)
- (1) Mousepad

Optional Upgrades

- Catapult Video Laptop 16 2TB-32GB - [Item # KCVL16-2-32GB-5G]
- Catapult Video Laptop 16 2TB-64GB - [Item # KCVL16-2-64GB-5G] (Contains (2) 1TB SSD's)
- Catapult Video Laptop 16 4TB-128GB - [Item # KCVL16-4-128GB-5G]
- Dell Pro Thunderbolt 5 Smart Dock SD25TB5 - [Item # 33869A]



Catapult Video Laptop 14 2TB - [Item # KCVL14-2]

- Dell Pro Precision 5 14S (PW514260) XCTO Base
- Series 3 Intel Core Ultra X7 368H vPro (NPU 50 TOPS, 18 MB, 16 cores, 16 threads, up to 5.0 GHz Turbo)
- Windows 11 Pro, Copilot+ PC
- 32 GB LPDDR5, 8533 MT/s, dual-channel
- Core Ultra X7 368H + Intel 12XE Arc Pro B390 graphics
- Intel(R) Arc(TM)/Arc(TM) Pro GPU
- Aluminum (Top Cover, Palmrest, Bottom Cover) + WLAN Tray
- Intel vPro Enabled
- 2TB Performance SSD Gen5, SED Ready
- 14" FHD+/WUXGA 1920x1200, Touch, 400 nit, IPS, 100% sRGB, Anti-Glare, 8MP IR Camera, Mic
- 8MP RGB HDR + IR Camera, Presence Detection, TNR, Camera Shutter, Microphone
- English (US) non-backlit keyboard
- Wireless Intel BE211 WLAN Driver
- Intel BE211 Wireless
- 3-cell, 70 Wh, Long Lifecycle Battery, ExpressCharge and ExpressCharge Boost Capable
- 100W USB-C AC Adapter
- No Fingerprint Reader, No Smart Card Reader
- E5 Power Cord 1M for US
- Quick Reference Guide
- Documentation
- ENERGY STAR Qualified
- Dell Pro Precision 5 Packaging
- Intel(R) Core(TM) Ultra 7 Processor Label
- English, French, Spanish, Brazilian Portuguese
- Intel(R) Connectivity Performance Suite
- EPEAT Gold with Climate+
- Basic Onsite Service 12 Months
- ProSupport and Next Business Day Onsite Service Extension, 24 Month(s)
- ProSupport and Next Business Day Onsite Service Initial, 12 Month(s)
- Activate Your Microsoft 365 For A 30 Day Trial
- Dell Additional SW - Dell Pro Max Laptop

Additional Items Included

- (1) USB Mouse (Black)
- (1) Mousepad

Optional Upgrades

- Dell Pro Thunderbolt 4 Smart Dock SD25TB4 - [Item # 33771A]



Catapult Video Tablet 13 1TB 5G - [Item # KCVT13-1-5G]

- Latitude 7350 Detachable, XCTO
- Intel(R) Core(TM) Ultra 5 134U (12MB cache, 12 cores, 14 threads, up to 4.4 GHz Max Turbo)
- Windows 11 Pro, English, Brazilian Portuguese PT-BR, French, Spanish
- No Microsoft Office License Included - 30 day Trial Offer Only
- Integrated Intel(R) Graphics, U5-134U processor with 16GB memory and Wi-Fi 7
- 16GB LPDDR5x 6400 MT/s dual-channel (onboard)
- 1 TB, M.2 2230, TLC PCIe Gen 4 NVMe, SSD
- 13" 3K (2880x1920) IPS Touch Anti-Reflect, Anti-Smudge, CGG Victus, LBL, Active Pen Support
- 8MP HDR IR Front Camera with ExpressSign-In, Intelligent Privacy, TNR, Mic + 8MP RGB Rear Camera
- 5G Qualcomm Snapdragon (DW5932e) eSIM, Verizon
- Intel(R) Wi-Fi 7 BE200 MU-MIMO, Bluetooth(R) 5.4 Wireless Card
- Intel(R) BE200 Wi-Fi 7 2x2, Bluetooth(R) 5.4 Technology, Wireless driver
- Intel Core Ultra EVO vPRO Label
- No Security, WWAN
- 65W Type-C Power Adapter
- E4 Power Cord 1M for US
- 46.5 Wh, Long Lifecycle, 3 year limited warranty, 3-cell
- Quick Start Guide
- Intel vPro Advanced Management Enabled
- Dell Additional Software
- ENERGY STAR Qualified
- EPEAT 2018 Registered (Gold)
- No EAN Shipping Box Label
- Mix Model Packaging, for 65W adapter + WLAN + WWAN + without Keyboard
- Custom Configuration
- Intel Connectivity Performance Suite for Evo/vPro
- Intel Rapid Storage Technology Driver
- Basic Onsite Service 12 Months
- ProSupport and Next Business Day Onsite Service Extension, 24 Month(s)
- ProSupport and Next Business Day Onsite Service Initial, 12 Month(s)
- Latitude 7350 Detachable Collaboration Keyboard and Active Pen - US English Description
- Latitude 7350 Detachable Collaboration Keyboard and Pen - US English



Catapult Video Desktop 1TB - [Item # KCVD1-TB]

- Dell Pro Max Micro FCM2250 CTO BASE
- Intel Core Ultra 9 285 (36 MB cache, 24 cores, 24 threads, 1.9 GHz to 5.7 GHz, 65W)
- Windows 11 Pro
- 32GB: 2 x 16 GB, DDR5, 5600 MT/s, non-ECC
- 1TB SSD TLC with DRAM M.2 2280 PCIe Gen4 SED Ready
- No Hard Drive
- Intel Integrated Graphics
- Internal Wi-Fi Antenna
- Intel(R) Wi-Fi 6/7 BE200, 2x2, 802.11be, MU-MIMO, Bluetooth(R) 5.4 wireless card
- Intel BE200 WLAN Driver
- Intel i226 Network Card Low-Profile
- Compact/Pro Max Desktops Riser Bracket for Graphic Card
- Optional HDMI 2.1 Port
- 280W A/C Adapter, EPEAT5, 7.4MM Barrel, TCO10
- Dell Pro Max Micro Chassis, DAO
- Dell Wired Keyboard - KB216 - US English - Black
- Dell Wired Mouse - MS116
- ENERGY STAR Qualified
- US Power Cord for 280W Adapter
- Documentation
- Watch Dog SRV
- Quick Setup Guide
- US Reese coin battery Package Warning label
- Dell Precision/Pro Max Desktops TPM
- Shipping Material (DAO)
- MPP, single package MOD, DAO
- FSJ Regulatory Label, 280W
- Intel Rapid Storage Technology Driver
- Intel(R) Core(TM) Ultra 9 Processor Label
- Dell Pro Max Micro FCM2250 CTO BASE
- Intel vPro Standard Management
- Custom Configuration
- Internal Speaker
- SSD Thermal Heatsink for single SSD
- NO RAID
- English, French, Spanish, Brazilian Portuguese
- Basic Onsite Service 12 Months
- ProSupport and Next Business Day Onsite Service Extension, 24 Month(s)
- ProSupport and Next Business Day Onsite Service Initial, 12 Month(s)

- **Additional Items Included**
- (1) USB Mouse (Black)
- (1) Mousepad



Catapult Openfield Laptop 14 2TB - 2 Dock Maximum - [Item # KCOL14-2]

- Dell Pro Precision 5 14S (PW514260) XCTO Base
- Series 3 Intel Core Ultra X7 368H vPro (NPU 50 TOPS, 18 MB, 16 cores, 16 threads, up to 5.0 GHz Turbo)
- Windows 11 Pro, Copilot+ PC
- 32 GB LPDDR5, 8533 MT/s, dual-channel
- Core Ultra X7 368H + Intel 12XE Arc Pro B390 graphics
- Intel(R) Arc(TM)/Arc(TM) Pro GPU
- Aluminum (Top Cover, Palmrest, Bottom Cover) + WLAN Tray
- Intel vPro Enabled
- 2TB Performance SSD Gen5, SED Ready
- 14" FHD+/WUXGA 1920x1200, Touch, 400 nit, IPS, 100% sRGB, Anti-Glare, 8MP IR Camera, Mic
- 8MP RGB HDR + IR Camera, Presence Detection, TNR, Camera Shutter, Microphone
- English (US) non-backlit keyboard
- Wireless Intel BE211 WLAN Driver
- Intel BE211 Wireless
- 3-cell, 70 Wh, Long Lifecycle Battery, ExpressCharge and ExpressCharge Boost Capable
- 100W USB-C AC Adapter
- No Fingerprint Reader, No Smart Card Reader
- E5 Power Cord 1M for US
- Quick Reference Guide
- Documentation
- ENERGY STAR Qualified
- Dell Pro Precision 5 Packaging
- Intel(R) Core(TM) Ultra 7 Processor Label
- English, French, Spanish, Brazilian Portuguese
- Intel(R) Connectivity Performance Suite
- EPEAT Gold with Climate+
- Basic Onsite Service 12 Months
- ProSupport and Next Business Day Onsite Service Extension, 24 Month(s)
- ProSupport and Next Business Day Onsite Service Initial, 12 Month(s)
- Activate Your Microsoft 365 For A 30 Day Trial
- Dell Additional SW - Dell Pro Max Laptop

Optional Upgrades

- Dell Pro Thunderbolt 4 Smart Dock SD25TB4 - [Item # 33771A]



Catapult Openfield Laptop 16 2TB-64GB - 2+ Docks - [Item # KCOL16-2]

- Dell Pro Max 16 Plus (MB16250) XCTO Base
- Intel(R) Core(TM) Ultra 9 processor 285HX, 55W vPro
- Windows 11 Pro
- 64GB: 1x64GB 6400MTs CAMM2 Dual Channel, non-ECC
- Intel(R) Core(TM) Ultra 9 285HX
- NVIDIA RTX PRO 2000 Blackwell 8GB GDDR7
- Intel vPro Enterprise Technology Enabled
- 2TB Performance SSD Gen5, SED Ready
- 16" FHD+ LCD 1920x1200 with 500nits, DCI-P3 100%, VRR 120Hz, Non-touch, WLAN + WWAN, RGB Camera, Mic
- FHD RGB Camera, HDR, TNR4
- English US backlit Copilot key keyboard with numeric keypad
- Intel BE200 WLAN Driver with Bluetooth
- Intel Wi-Fi 7 BE200 Wireless Card
- 6 cell, 96Whr, ExpressCharge(TM) Capable, Long Life Cycle battery, 3-year warranty
- 280W AC adapter, USB Type C
- Palmrest, No Security
- E5 Power Cord 1M for US
- Not ENERGY STAR Qualified
- Intel Core Ultra 9 vPro Processor Label
- BTO Standard Shipment (M)
- English, French, Spanish, Brazilian Portuguese
- Intel Connectivity Performance Suite for Evo/vPro
- Client Program Management Support
- No Additional Hard Drive
- Verizon Promo Referral
- WWAN 5G Qualcomm Snapdragon X72 with E-Esim
- NO RAID
- Intel(R) Rapid Storage Technology Driver
- Custom Configuration
- Dell Pro 16 Plus Standard Bottom Cover
- Basic Onsite Service 36 Months
- ProSupport and Next Business Day Onsite Service Initial, 36 Month(s)

Optional Upgrades

- Dell Pro Thunderbolt 5 Smart Dock SD25TB5 - [Item # 33869A]

Catapult Video Transcode **Single Rackmount** [Item # KCVTSR]

- Dell Pro Micro Plus QBM1250
- Intel(R) Core(TM) Ultra 7 265 vPro(R) (13 TOPS NPU, 20 cores, up to 5.3GHz)
- Windows 11 Pro
- Activate Your Microsoft 365 For A 30 Day Trial
- 32 GB: 2 x 16 GB, DDR5, up to 5600 MT/s, non-ECC
- 512GB SSD TLC
- NO RAID
- Dell Pro Micro Plus with 65W Processor
- US Power Cord
- Internal WiFi Antenna
- Intel(R) Wi-Fi 6E AX211, 2x2, 802.11ax, Bluetooth(R) wireless card
- Wireless Driver, Intel(R) Wi-Fi 6E AX211, 2x2, 802.11ax, Bluetooth(R) wireless card
- Optional 5GbE LAN NIC
- No Keyboard Selected
- No Mouse Selected
- ENERGY STAR Qualified
- Watch Dog SRV
- US/Canada Battery Warning Label
- Trusted Platform Module (Discrete TPM Enabled)
- Regulatory Label for 180W Adapter
- Driver/APP for IRST
- Intel Core Ultra 7 Processor Label
- No Option Included
- 180 Watt A/C Adapter, TCO Compliant
- Internal Speaker
- Custom Configuration
- EPEAT 2018 Registered (Gold)
- No vPro(R) support
- English, French, Spanish, Brazilian Portuguese
- 1st M.2 2230 SSD Extend Bracket & Screw
- Basic Onsite Service 36 Months
- ProSupport and Next Business Day Onsite Service Initial, 36 Month(s)

Optional Upgrades

- Catapult Video Transcode **Dual Rackmount** [Item# KCVTDR]



CAT R760 - 6 Combo Server 128GB (2RU - 87 TB Formatted) [Item #v7223]

- OEM PowerEdge R760 XL Server
- Trusted Platform Module 2.0 V6
- 3.5" Chassis with up to 12 SAS/SATA Drives, 4x2.5" Rear NVMe Direct drives, LP Adapter PERC 11
- Intel Xeon Silver 4410Y 2G, 12C/24T, 16GT/s, 30M Cache, Turbo, HT (150W) DDR5-4000, OEM XL
- Intel Xeon Silver 4410Y 2G, 12C/24T, 16GT/s, 30M Cache, Turbo, HT (150W) DDR5-4000, OEM XL
- Additional Processor Selected
- Heatsink for 2 CPU configuration (CPU greater than 165W)
- Performance Optimized
- 6400MT/s RDIMMs
- PERC H755 Adapter, Low Profile
- Performance BIOS Settings
- UEFI BIOS Boot Mode with GPT Partition
- Very High Performance Fan x6
- Dual, Hot-Plug, Power Supply, 1100W MM (100-240Vac) Titanium, Redundant (1+1)
- Riser Config 6, 2x8 FH Slots (Gen5), 2x16 LP Slots (Gen4)
- Motherboard supports ALL CPUs (required for CPUs 250W and above)
- iDRAC9, Enterprise 16G
- No OCP 3.0 mezzanine NIC card
- Broadcom 5720 Dual Port 1GbE LOM
- Brand/Bezel, Embedded OS, PowerEdge R760 XL
- BOSS-N1 controller card + with 2 M.2 480GB (RAID 1)
- BOSS Cables and Bracket for R760 (4x2.5" Rear)
- No Quick Sync
- iDRAC, Factory Generated Password, No OMQR
- iDRAC Group Manager, Disabled
- Configuration Services, Microsoft Embedded Program
- Embedded Windows Server IoT 2022 Standard 16 Core, 5 CLT, DAO - Requires Cust License Agreement (CLA)
- Cable Management Arm, 2U
- ReadyRails Sliding Rails (B21)
- Basic Next Business Day 39 Months
- ProSupport and Next Business Day Onsite Service Initial, 39 Month(s)
- 32GB RDIMM, 6400MT/s, Dual Rank
- 24TB Hard Drive SATA ISE 6Gbps 7.2K 512e 3.5in Hot-Plug, AG Drive
- 3.84TB Enterprise NVMe Read Intensive AG Drive U.2 Gen4 Flex Bay
- Power Cord - NEMA 5-15P to C13, 3M, 125V, 15A (North America, Guam, North Marianas, Philippines, Samoa, Vietnam)
- Intel X710-T2L Dual Port 10GbE BASE-T Adapter, PCIe Full Height
- Intel E810-XXV Dual Port 10/25GbE SFP28 Adapter, PCIe Low Profile
- Configuration Services, Microsoft Embedded Program
- Embedded Windows Server IoT 2022 Standard Add'l 4 Core Licensing DAO - Requires Cust License Agreement (CLA)
- Enterprise Program Management Support

Optional Upgrades

- CAT R760 - 12 Combo Server 128GB (2RU - 218 TB Formatted) [Item# v7222]



Catapult Video Microserver 16 4TB-128GB - [Item # 33867A]

- Dell Pro Max 16 Plus (MB16250) XCTO Base
- Intel(R) Core(TM) Ultra 9 processor 285HX, 55W vPro
- Windows 11 Pro
- 128GB: 1x128GB 6400MTs CAMM2 Dual Channel, non-ECC
- Intel(R) Core(TM) Ultra 9 285HX
- NVIDIA RTX PRO 2000 Blackwell 8GB GDDR7
- Intel vPro Enterprise Technology Enabled
- 2TB Performance SSD Gen5, SED Ready
- 16" FHD+ LCD 1920x1200 with 500nits, DCI-P3 100%, VRR 120Hz, Non-touch, WLAN + WWAN, RGB Camera, Mic
- FHD RGB Camera, HDR, TNR4
- English US backlit Copilot key keyboard with numeric keypad
- Intel BE200 WLAN Driver with Bluetooth
- Intel Wi-Fi 7 BE200 Wireless Card
- 6 cell, 96Whr, ExpressCharge(TM) Capable, Long Life Cycle battery, 3-year warranty
- 280W AC adapter, USB Type C
- Palmrest, No Security
- E5 Power Cord 1M for US
- Quick Setup Guide for Dell Pro Max 16 Plus
- Documentation
- Not ENERGY STAR Qualified
- Dell Pro Max Laptop Packaging
- Intel Core Ultra 9 vPro Processor Label
- BTO Standard Shipment (M)
- English, French, Spanish, Brazilian Portuguese
- Intel Connectivity Performance Suite for Evo/vPro
- Client Program Management Support
- Additional 2TB Performance SSD Gen5 SED Ready
- No Additional Hard Drive
- Verizon Promo Referral
- WWAN 5G Qualcomm Snapdragon X72 with E-Esim
- NO RAID
- Intel(R) Rapid Storage Technology Driver
- Custom Configuration
- Dell Pro 16 Plus Standard Bottom Cover
- Basic Onsite Service 36 Months
- ProSupport and Next Business Day Onsite Service Initial, 36 Month(s)
- Activate Your Microsoft 365 For A 30 Day Trial
- Dell Pro Max 16 Plus MB16250



Standard Multi Sport Bundled Microserver - [Item # KCVSMS]

- Catapult Video Laptop 16 2TB-64GB - [Item # KCVL16-2-64GB-5G]
- (1) 36TB LaCie Thunderbolt with USB-3 Adapter included RAID-1 Subsystem (2) 18TB SATA drives
- Sonicwall TZ270 8 Port Router - [Item # v7760]
- Includes SQL 2019 License, (1) Power Squid , (1) 25ft Cat6 Ethernet Cable , (1) USB Mouse and (1) Mouse Pad

Optional Add-Ons For Additional LAN Ports

- 8 Port - Cisco Catalyst - C1300-8FP-2G (120Watt) - [Item# 33440A]
- 16 Port - Cisco Catalyst - C1300-16FP-2G (240Watt) - [Item# 33441A]
- 24 Port - Cisco Catalyst - C1300-24FP-4G (375Watt) - [Item# 33442A]

Premium Multi Sport Bundled Microserver - [Item # KCVPMS]

- Catapult Video Microserver 16 4TB-128GB - [Item # 33867A]
- (1) 48TB LaCie Thunderbolt with USB-3 Adapter included RAID-1 Subsystem (2) 24TB SATA drives
- Sonicwall NSa2700 16 Port Router - [Item # v7760]
- Includes SQL 2019 License, (1) Power Squid , (1) 25ft Cat6 Ethernet Cable , (1) USB Mouse and (1) Mouse Pad

Optional Add-Ons For Additional LAN Ports

- 8 Port - Cisco Catalyst - C1300-8FP-2G (120Watt) - [Item# 33440A]
- 16 Port - Cisco Catalyst - C1300-16FP-2G (240Watt) - [Item# 33441A]
- 24 Port - Cisco Catalyst - C1300-24FP-4G (375Watt) - [Item# 33442A]



Catapult Peripheral Only Bundles - **No Laptop**

Standard Multi Sport Bundled Microserver Peripherals Only - [Item # v4364]

- (1) 36TB LaCie Thunderbolt with USB-3 Adapter included RAID-1 Subsystem (2) 18TB SATA drives
- Sonicwall TZ270 8 Port Router - **[Item # v7760]**
- (1) Power Squid and (1) 25ft Cat6 Ethernet Cable

Optional Add-Ons For Additional LAN Ports

- 8 Port - Cisco Catalyst - C1300-8FP-2G (120Watt) - **[Item# 33440A]**
- 16 Port - Cisco Catalyst - C1300-16FP-2G (240Watt) - **[Item# 33441A]**
- 24 Port - Cisco Catalyst - C1300-24FP-4G (375Watt) - **[Item# 33442A]**

Premium Multi Sport Bundled Microserver Peripherals Only - [Item # v4368]

- (1) 48TB LaCie Thunderbolt with USB-3 Adapter included RAID-1 Subsystem (2) 24TB SATA drives
- Sonicwall NSa2700 16 Port Router - **[Item # v7760]**
- (1) Power Squid and (1) 25ft Cat6 Ethernet Cable

Optional Add-Ons For Additional LAN Ports

- 8 Port - Cisco Catalyst - C1300-8FP-2G (120Watt) - **[Item# 33440A]**
- 16 Port - Cisco Catalyst - C1300-16FP-2G (240Watt) - **[Item# 33441A]**
- 24 Port - Cisco Catalyst - C1300-24FP-4G (375Watt) - **[Item# 33442A]**



Catapult Remotes

Westy USB Remote with Green Laser, 15' cable length - [Item # v8520]

- Wired USB connection
- Can be used with Thunder & Thundercloud WUA applications
- Warranty covered under your annual Maintenance and Support contract

Bolt Bluetooth Remote - [Item # v8500a]

- Wireless Bluetooth connection
- Can be used with Focus, Thunder, Thundercloud WUA & Thundercloud iOS applications
- Warranty NOT covered under your annual Maintenance and Support contract
- Can purchase on Catapult's webstore here: <https://us-store.catapultsports.com/products/catapult-bolt-remote>

Detachable Remote Cable Only 10ft - [Item # v8522c]

- 10ft USB-B to USB-C Cable Only



Catapult Capture Items

Limit 8 M4 Encoder - [Item # 33448A]

- The Limit 8 M4 4-Channel HD-SDI Encoder, as configured by Catapult, will allow for multi-channel IP Capture through one device. Video is passed through and encoded via 4 available HD-SDI Inputs

Limit 8 M4 Encoder Rackmount Single - [Item # K-M4ENC-RM-S]

- The Limit 8 M4 4-Channel HD-SDI Encoder, as configured by Catapult, will allow for multi-channel IP Capture through one device. Video is passed through and encoded via 4 available HD-SDI Inputs. This package includes a custom rackmount kit.

Limit 8 M4 Encoder Rackmount Double - [Item # K-M4ENC-RM-D]

- The Limit 8 M4 4-Channel HD-SDI Encoder, as configured by Catapult, will allow for multi-channel IP Capture through one device. Video is passed through and encoded via 4 available HD-SDI Inputs. This package includes a custom rackmount kit.



AVMATRIX H.264/H.265 SDI Streaming Encoder - [Item # v6623]

- The AVMatrix H.264/H.265 SDI Streaming Encoder, as configured by Catapult, will allow for IP Capture. Video is passed through and encoded via SDI input.

AVMATRIX H.264/H.265 HDMI Streaming Encoder - [Item # v6622]

- The AVMatrix H.264/H.265 HDMI Streaming Encoder, as configured by Catapult, will allow for IP Capture. Video is passed through and encoded via HDMI input.

ANTRICA 4-CHANNEL HD-SDI Encoder - [Item # ANT-2554]

- The Antrica 4-Channel HD-SDI Encoder, as configured by Catapult, will allow for multi-channel IP Capture through one device. Video is passed through and encoded via 4 available HD-SDI Inputs.

Thunder U/D/C Converter with frame buffer - [Item # 6644]

- The AJA Up Down Cross Converter (UDC), as configured by Catapult, will convert an HD-SDI or SD-SDI signal to HD 720p for compatibility with Thunder Capture HD devices (BM H.264 or ATEM)
- Device includes a frame buffer so in the event of a Video Feed disruption it will continue to send the last frame received until the feed is restored. Allowing Capture to continue uninterrupted
- This device offers 1 SDI output, and an HDMI output, making it easy for a customer to connect the SDI output to the Black Magic H.264 Pro Encoder, while also outputting to a TV via HDMI



Catapult Networking Items

Sonicwall TZ270 8 Port Router - [Item # v7760]

- Firewall Inspection Throughput - 2 Gbps
- Application Inspection Throughput - 1 Gbps
- IPS Throughput - 1 Gbps
- Threat Prevention Throughput - 750 Mbps
- VPN Throughput - 750 Mbps
- Maximum Connections - 750,000
- New Connections/Sec - 6,000
- Ethernet Ports - 8x1GbE
- USB Ports - 2 USB 3.0
- SFP/SFP+ Ports - N/A
- Expansion Slot - Storage up to 256 GB
- Power over Ethernet (PoE) Support - N/A

Optional Add-Ons For Additional LAN Ports

- 8 Port - Cisco Catalyst - C1300-8FP-2G (120Watt) - **[Item# v33440A]**
- 16 Port - Cisco Catalyst - C1300-16FP-2G (240Watt) - **[Item# 33441A]**
- 24 Port - Cisco Catalyst - C1300-24FP-4G (375Watt) - **[Item# 33442A]**



Sonicwall NSa2700 16 Port Router - [Item # v7764]

- Firewall Inspection Throughput - 5.5 Gbps
- Application Inspection Throughput - 3.6 Gbps
- IPS Throughput - 3.4 Gbps
- Threat Prevention Throughput - 3 Gbps
- VPN Throughput - 2.1 Gbps
- Maximum Connections - 500,000
- New Connections/Sec - 21,500
- Ethernet Ports - 16x1GbE
- USB Ports - 2 USB 3.0
- SFP/SFP+ Ports - 3x10G SFP+
- Expansion Slot - Storage up to 256 GB
- Power over Ethernet (PoE) Support - N/A

Optional Add-Ons For Additional LAN Ports

- 8 Port - Cisco Catalyst - C1300-8FP-2G (120Watt) - [Item# 33440A]
- 16 Port - Cisco Catalyst - C1300-16FP-2G (240Watt) - [Item# 33441A]
- 24 Port - Cisco Catalyst - C1300-24FP-4G (375Watt) - [Item# 33442A]



Sonicwall NSa 3700 24 Port Router - [Item # v7765]

- Firewall Inspection Throughput - 5.5 Gbps
- Application Inspection Throughput - 4.2 Gbps
- IPS Throughput - 3.8 Gbps
- Threat Prevention Throughput - 3.5 Gbps
- VPN Throughput - 2.2 Gbps
- Maximum Connections - 750,000
- New Connections/Sec - 22,500
- Ethernet Ports - 24x1GbE
- USB Ports - 2 USB 3.0
- SFP/SFP+ Ports - 6x10G SFP+ / 4x5G SFP+
- Expansion Slot - Storage up to 256 GB
- Power over Ethernet (PoE) Support - N/A

Optional Add-Ons For Additional LAN Ports

- 8 Port - Cisco Catalyst - C1300-8FP-2G (120Watt) - **[Item# 33440A]**
- 16 Port - Cisco Catalyst - C1300-16FP-2G (240Watt) - **[Item# 33441A]**
- 24 Port - Cisco Catalyst - C1300-24FP-4G (375Watt) - **[Item# 33442A]**



Netgear RAXE300 Nighthawk AXE7800 Wireless Tri-Band Gigabit Router - [Item # v8228]

- Wi-Fi 6E (802.11ax)
- 2.4 GHz / 5 GHz / 6 GHz (Tri-Band)
- 4 x Gigabit LAN Ports
- 1 x 2.5G Ethernet Port (Configurable)
- Link Aggregation & VPN Support
- Up to 7800 Mb/s Total Throughput
- 6 x Internal Antennas
- 1 x Gigabit LAN/WAN Port
- 1 x USB 3.1 Gen 1 Type-C Port



Catapult Storage Devices

LaCie 2BIG Dock 36TB - [Item # v5036]

- Includes USB-C Female to USB-A Adapter

LaCie 2BIG Dock 48TB - [Item # v5029]

- Includes USB-C Female to USB-A Adapter

Oyen 16TB SSD USB-C Portable Drive - [Item # 33772A]



Catapult Travel Cases

Portable Server Travel Case Peripherals - [Item # v7210] - **Server Purchased Separately**

- Sonicwall TZ270 Router - [Item # v7760]
- SonicWall - Rack Mounting Kit - [Item # v7763]
- 30" Deep 6U Roto Shock Rack - SKB-R910U30 - [Item # v3110]
- Interior Width: 19.00 in (48.26 cm)
- Interior Height: 10.50 in (26.67 cm)
- Rackable Depth: 30.00 in (76.20 cm)
- Rack Units Total: 6
- Rail Type: 10/32" Threaded
- Startech 17" LCD Rack Console - [Item # v3136]
- Middle Atlantic Rack Mount Power Strip - [Item # v3352]
- Cisco Catalyst - C1300-24FP-4G (375Watt) - [Item# 33442A]
- Travel Case Label Set - [Item # v3342]
- 3 FT Cat6 Ethernet Patch Cable - Blue - [Item # v1985]
- 15 FT Cat6A Ethernet Patch Cable - Orange - [Item # v1982]
- 6 FT Cat6 Ethernet Patch Cable - Black - [Item # v1993]
- 3 FT Cat5e Ethernet Patch Cable - Green - [Item # v1988]

Available Servers Purchased Separately

- CAT R760 - 6 Combo Server 128GB (2RU - 87 TB Formatted) [Item #v7223]
- CAT R760 - 12 Combo Server (2RU - 181 TB Formatted) [Item# v7222]





THUNDER ROADMAP SPEC SHEET

	Thunder 2024		Thunder 2025		Thunder 2026	
User	Lite	Advanced	Lite	Advanced	Lite	Advanced
CPU	10th gen Intel (i5-i7)	14th gen Intel (i7-i9)	12th gen Intel (i5-i7)	15th gen Intel (i7-i9)	13th gen Intel (i5-i7)	15th gen Intel (i7-i9)
Graphics	Integrated OR Discrete (Nvidia)	Integrated OR Discrete (Nvidia)	Integrated (required)	Integrated (required)	Integrated (required)	Integrated (required)
RAM	16GB	32-64GB	16GB	32-64GB	16GB	32-64GB
Operating System	Windows 10/11	Windows 10/11	Windows 11	Windows 11	Windows 11	Windows 11
Storage	512GB SSD	1-2TB SSD	512GB SSD	1-2TB SSD	512GB SSD	1-2TB SSD
Display	1080p	1080p	1080p	1080p	1080p	1080p

- All specs are minimum specs, intel is the only supported processor family
- **Lite User** refers to simple thunder use, admin, basic playback. This is a minimum spec for Thunder
- **Advanced User** refers to a heavy Thunder user, editing, transcoding, heavy media playback, live capture
- Integrated graphics refers to an intel processor with an onboard GPU
- A discrete graphics card (GPU) refers to a separate GPU (Nvidia only supported)
 - Thunder 25 requires an Intel GPU, this does not mean the machine can not have an Nvidia GPU, however Thunder will only use the intel integrated GPU.