



2U Platforms

Flexible and cost effective platforms





Flexibility in 2U platforms, Customized your platform as you need

Technology at work for you

AyNuX platforms are designed for any company or organization who are looking for flexibility and performance at the best price in the market. The power efficiency with improved thermal architecture and highest-efficient power supplies in AyNuX platform perfectly align with complex requirements in datacenters in order to achieve lower Total Cost of Ownership (TCO).



Advantages

AyNuX Platforms designed to support the latest technology platforms in the market today, ensuring maximum compatibility with products from other component vendors. These platform will bring the flexibility of different Memory, CPU, Storage drives and networking based on your IT environment. Whether you are looking to have SAS, SATA or NVMe drives on your servers, or looking to have Single or Dual 1GbE, 10GbE, 25GbE, 40GbE or even 100GbE networking and etc. you can customized the platforms to meet your IT needs.



Carolina

- 2U 8 x 3.5" SAS/SATA
- W: 17.2" x D: 25.5" x H: 3.5"
- 2x Intel® Xeon Scalable CPUs
- Lewisburg C621 Chipset
- 2x 10GbE SFP+ ports
- 8x DDR4 2666 ECC RDIMM;
- 2x PCIe x16 slots
3x PCIe x8 slots
1x PCIe x4 slot
- 740watt redundant PSU



Aspen Series

- 2U 12 x 3.5" SAS/SATA
- W: 17" x D: 26.8" x H: 3.5"
- 2x Intel® Xeon Scalable CPUs
- Lewisburg C622 Chipset
- 2x 10GbE SFP+ ports
- 16x DDR4 2666 ECC RDIMM;
- 3x PCIe x16 (Gen3) slots
4x PCIe x8 (Gen3) slots
- 800watt Redundant PSU



Cedar Series

- 2U 24x 2.5" NVMe
- W: 17.2" x 33.5" x 3.5"
- 2x Intel® Xeon Scalable CPUs
- Lewisburg C620 Chipset
- 2x 1GbE Base-T ports
- 24x DDR4 2666 ECC RDIMM;
- 4x PCIe x16 (Gen3) slots
4x PCIe x8 (Gen3) slots
2x external OCP 2.0 mezz card
- 1600watt Redundant PSU

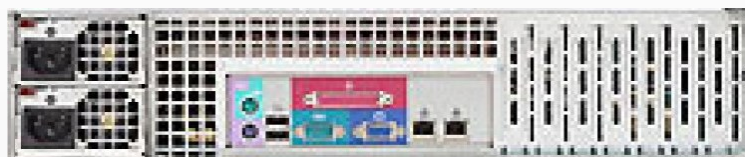
Caroline

- 2U 8-Bay general purpose storage server
- Supports two Intel® Xeon Scalable Processors Socket P0 (LGA-3647 Socket)
- Intel® Lewisburg C621 series Chipset
- 2 x PCIe Gen3 x16 slots
3 x PCIe Gen3 x 8 slots
1 x PCIe Gen3 x 4 slot
- Front-to-back airflow and hot-swap redundant fans to provide optimal thermal conditions
- Intel® PCH (Lewisburg) Integrated with Marvell 88E1512 PHY, dual 1GbE LAN ports plus dedicated BMC management port
- 1x 8-port 2U SAS3 12Gbps backplane,
- Onboard Baseboard Management Controller for system management and IPMI control
- System Management:
 - AMI BIOS
 - WOL
 - ACPI
 - PXE
 - AC loss recovery
 - Serial console redirection
 - SMBIOS
 - BIOS Boot Specification
 - BIOS-Recovery Mode
 - SPI (Serial Peripheral Interface) FLASH Interface
- 12 x SATA 6.0 Gb/s (by 3 x Slimline) 2 x SATA 6.0 Gb/s (by 2 x SATA 7 pin)
- Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor
 - PCIe VGA/2D Controller
 - 1920x1200@60Hz 32bpp
- 740W 1+1 Redundant PSU (optional 800W modules)
- Grows weight with PSU and Rails 50lbs/23kgs
- Environment Specifications:
 - Operating temperature : 0° - 35°C
 - System relative humidity : 5% - 95% non-condensing

Front View



Rear View



Available Model

- ANX2008S-R740 2U 8x3.5" SAS/SATA with 740Watt redundant PSUs

Aspen Series

- 2U 12-Bay general purpose storage Platform
- Supports two Intel® Xeon Scalable Processors with Intel® Lewisburg C621 series Chipset
- Onboard Baseboard Management Controller for system management and IPMI control
- Front-to-back airflow and hot swap redundant fans to provide optimal thermal conditions
- Intel® PCH (Lewisburg) Integrated 10GbE LAN controller with Two 10GbE SFP+ ports plus dedicated BMC management port
- 1 x 12-port 12G SAS backplane with 3 SFF-8643 connectors or optional 12 port 12G SAS backplane with 28-PHY expander chip and 3 SFF-8643 connector
- Onboard Baseboard Management Controller for system management and IPMI control
- System Management:
 - AMI BIOS
 - PXE
 - WOL
 - ACPI
 - AC loss recovery
 - Serial console redirection
 - SMBIOS
 - BIOS Boot Specification
 - BIOS-Recovery Mode
 - SPI (Serial Peripheral Interface) FLASH Interface
- 12 x SATA 6.0 Gb/s (by 3 x Slimline) 2 x SATA 6.0 Gb/s (by 2 x SATA 7 pin)
- Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor
 - PCIe VGA/2D Controller
 - 1920x1200@60Hz 32bpp
- 550W 1+1 Redundant PSU or optional 800W 1+1 Redundant PSU
- Grows weight with PSU and Rails 59.5lbs/27kgs
- Environment Specifications:
 - Operating temperature : 0° - 35°C
 - System relative humidity : 5% - 95% non-condensing

Front View



Rear View



- ANX2012A-R550
- ANX2012S-R800

Available Models

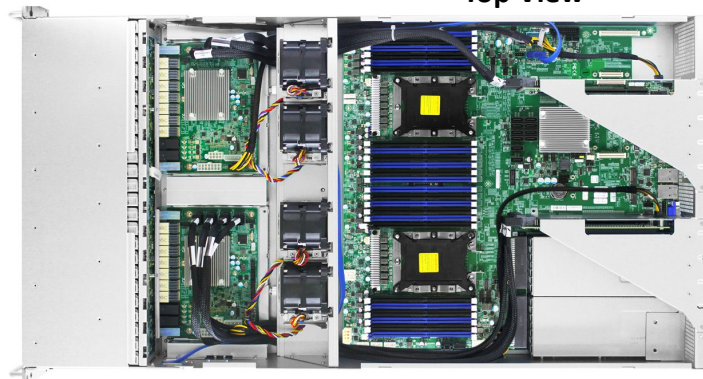
Cedar Series

- 2U-24 Bay storage server supports U.2 NVMe drives to provide a highly dense, all Flash storage array
- Supports two Intel® Xeon Scalable Processors Socket P0 (LGA-3647 Socket) with Intel® Lewisburg C620 series chipset
- Onboard Baseboard Management Controller for system management and IPMI control
- Flexible IO usage with Max IO™ to support 4 x PCIe Gen3 x16 slot (or optional 2 OCP Mezzanine card)
- Front-to-back airflow and hot swap redundant fans to provide optimal thermal conditions
- Intel® PCH (Lewisburg) Integrated dual 1GbE Base_T plus dedicated BMC management port
- 2 x dual Broadcom/LSI PEX9765 PCIe switch back-planes.
- Onboard Baseboard Management Controller for system management and IPMI control
- System Management:
 - Insyde UEFI BIOS
 - SPI (Serial Peripheral Interface) FLASH Interface
 - ACPI
 - PXE
 - WOL
 - AC loss recovery
 - IPMI 2.0 KCS interface
 - SMBIOS
 - Serial console redirection
 - BIOS Boot Specification
 - BIOS Recovery Mode
 - SRIOV
 - iSCSI
 - TPM
 - PCIe Hotplug
- 10 x SATA 6.0 Gb/s (by 3 x Slimline) 2 x SATA 6.0 Gb/s (by 2 x SATA 7 pin)
- Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor
 - PCIe VGA/2D Controller
 - 1920x1200@60Hz 32bpp
- 1600W 1+1 Redundant PSU
- Grows weight with PSU and Rails 68.2lbs/31kgs
- Environment Specifications:
 - Operating temperature : 0° - 35°C
 - System relative humidity : 5% - 95% non-condensing

Front View



Top View



Rear View



Available Model

- ANX2024N-R1600



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