TurboBox

Mini
● NA221A

● NA211A

External PCIe Expansion Box for Laptop or Desktop PC

» Support up to three extra PCI Express slots
» Aluminum housing and anodized surface benefit cooling and durability
» A built-in large and quiet cooling fan for self-contained ventilation
» Desktop PCI Express and laptop ExpressCard 34 supported
» Internal ultra quiet 80 or 220 watts power supply unit

Overview

NA221A/NA211A is a plug-and-play external expansion device that is designed for attaching one or more PCIe cards to a laptop or desktop PC. With the feature of easy and high mobility, NA221A/NA211A allows users to integrate the power of PCIe card and computer into a dynamic, flexible, and mobile workstation. By adding one or more PCIe cards to NA221A/NA211A and connecting it to a laptop or desktop PC via ExpressCard 34/host card and cable, a moderate laptop/desktop PC can be turned into a powerful/scientific computer, or an audio/video editing workstation for professionals.

Compatible with Sandy Bridge Microarchitecture

NA221A/NA211A is compatible with most current PCIe 2.0/Gen 2 specification as well as Intel's latest Sandy Bridge processor microarchitecture. As NA221A/NA211A works with current laptop, the ExpressCard 34 connector supports throughput up to 5 Gb/s; when working with desktop PC, the PCIe host card supports throughput up to 20 Gb/s, providing doubled, fast and reliable data throughput as well as bandwidth for users in various fields.

High Bandwidth with Fast Transmission Rate

Based on latest PCIe 2.0/Gen 2 technology as well as Sandy Bridge microarchitecture, NA221A/NA211A provides a solution of zero latency connectivity with a maximum throughput of 5 Gbps or 500 MB/s when connecting with a laptop, or with a maximum throughput of 20 Gbps or 2,000 MB/s as connecting with a desktop PC. The convenient NA221A/NA211A features high mobility, supporting double width PCIe cards, available for any ×1, ×4, ×8 and ×16 PCI Express standard length (for NA221A and NA211A-LD) or full length (for NA211A) card.

Optional Adapter

Turbo ExpressCard	Turbo PCI-Express
ExpressCard34 Laptop Adaptor Multilane Screw / External PCI-Express	PCI-Express Desktop Adaptor External PCI-Express / External PCI-Express

Ordering Information

NA211A-NB PCI-Express slot expansion box. Support up to 3 Full-length PCI-e Cards. with 220W Single PSU.With Laptop ExpressCard34 adapter, cable

NA211A-DT PCI-Express slot expansion box. Support up to 3 Full-length PCI-e Cards. with 220W Single PSU.With PCIe x4 adapter, cable

NA221A-NB Single External PCI Express Enclosure, with ExpressCard34 host card, cable, external 80W power adapter

NA221A-DT Single External PCI Express Enclosure, with PCIe x4 host card, cable, external 80W power adapter

Specifications

Model	NA221A	NA211A	NA211A-LD
Host Interface		External PCI Express	
No. of Slots	One standard length PCI Express card (one PCI Express ×8)	Up to three full-length PCI Express cards (two PCI Express ×8, one PCI Express ×4)	Up to three standard length PCI Express cards (two PCI Express ×8, one PCI Express ×4)
No. of Disks		N/A	Up to 4
RAID Function		N/A	Depend on RAID HBA
Material		Aluminum housing	
Power Supply	80 W power adapter 100-240 V AC, 50/60 Hz universal	Single 220 W (IPC-grade) 100-240 V AC, 50/60 Hz universal	
Cooling	Two 40×40×10 mm cooling fans	One hot-swappable 80×80×25 mm cooling fan	
Dimension	254(D)×198(W)×58(H) mm 10(D)×7.8(W)×2.28(H) inch	371(D)×110(W)×200(H) mm 14.6(D)×4.3(W)×7.9(H) inch	
Card Length Available	218(L) mm/8.6(L) inch	312(L) mm/12.28(L) inch	218(L) mm/8.6(L) inch
O.S. Support		O.S. independent	

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