

# N50 Connectivity Kit – Overview

[CLICK HERE](#) to connect with a N50 Solutions representative about purchasing and deploying a N50 Connectivity Kit.

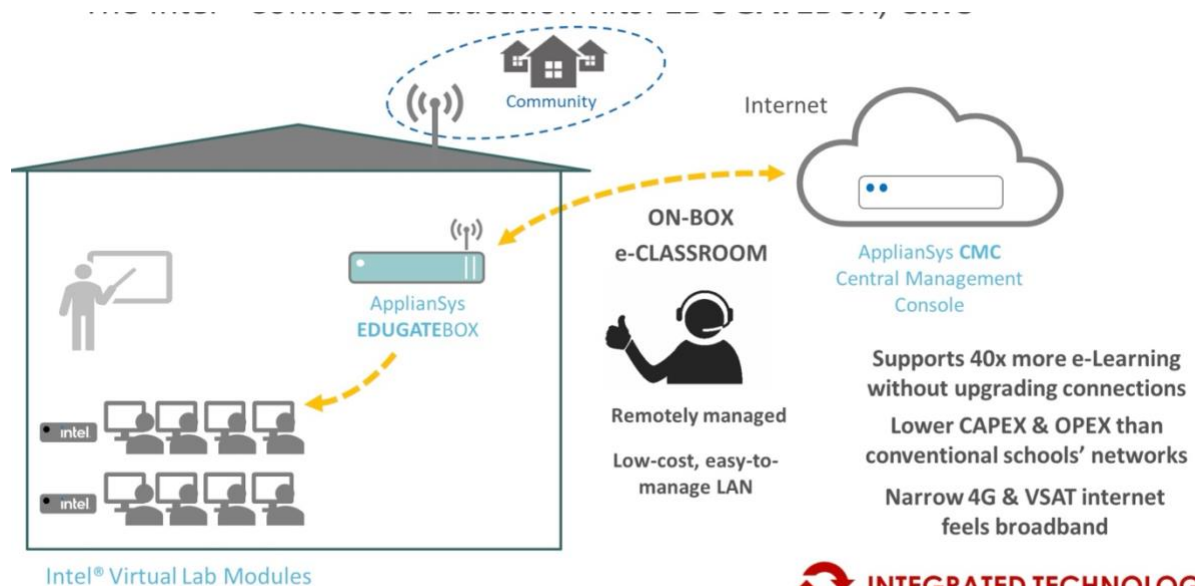
The kit includes a virtual lab environment where we use a small form factor, low-cost compute device, and, with virtualization software, enable four independent workstations, reducing Capital expenses and Operating costs.

These devices are managed and serviced through the ApplianSys Edugate box, which can remotely update, service, etc., the Virtual Lab. The Edugate box also acts as a network appliance securing the internet for your students and community. Furthermore, the Edugate box auto-caches internet pages, which makes this a fantastic solution for areas with spotty and unreliable internet service. The caching enables a good user experience and allows anyone on the network to view the same content without spending more top-up minutes for additional data usage.

The N50 Project has successfully deployed several Connectivity Kits in multiple countries. The video below shows four connectivity kits in use in the Dominican Republic. This deployment also includes and shows optional SMART boards, which work seamlessly with the labs.

<https://www.youtube.com/watch?v=2xrKy-jWjT8>

Architectural diagrams:



## Virtual Lab Module – Transforming Opportunity



### #1: Full PC experience

- Full size peripherals
- Compute-power
  - high quality graphics, streaming
  - compute-intensive applications



### #2: Optimal hardware/user ratio

- Distributed solution
- Easier to maintain
- Low-cost hardware
- Low power



Community



Resilience



Uptime



Capex



Opex



Start small



Eco-friendly

N50 Connectivity Kit Partners:

- Intel
- ApplianSys
- Arrow
- SMART (Optional)

[CLICK HERE](#) to connect with a N50 Solutions representative about purchasing and deploying a N50 Connectivity Kit.