

QA-T



High-capacity, compact portable PC

KEY FEATURES

Compact portable PC hardware for EPC simulation to test H/eNodeB

Makes it easy to test network elements in the lab or to set up a simulation in the field

Small enough to travel as a carry-on luggage

OVERVIEW

QA-T is a portable yet very effective platform that can simulate the entire WCDMA and LTE core network. Its portability makes it the best solution for testing small cells and macrocells both in the lab and the field.

- › Compact, portable PC hardware designed to test the LTE, or 3G small cells and LTE macrocells
- › Small enough to meet carry-on luggage requirements
- › Multitechnology testing capabilities

PC-BASED QA-T PLATFORM TECHNICAL SPECIFICATIONS

- › Single 2.0 GHz Quad Core Intel Xeon processor with 8MB L2 cache
- › Memory: 4GB RAM
- › Display: 17 in WUXGA+ internal LCD high-resolution display
- › Graphics: ATI X300 with 64 MB VRAM
- › Network: 2 x Gigabit Ethernet RJ-45, 1 x FireWire
- › Hard disk: 1 TB 7200 RPM SATA 3.5 in
- › Single full length PCI-X 64-bit/66MHz slot (NPU based PCI-X card available. Check technical specs below)
- › Integrated keyboard and mouse
- › Operating system: RedHat Enterprise Linux 4
- › Size (D x H x W): 14.5 cm x 29 cm x 42.7 cm (5.7 in x 11.4 in x 16.8 in)
- › Weight: 6.1 - 8.8 kg (13.5 - 19.5 lb), depending on configuration

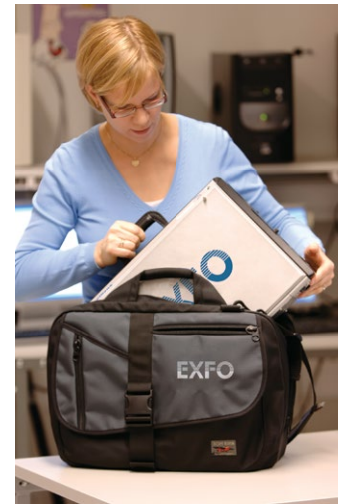
Optional hardware modules

PCI-X NPU CARD TECHNICAL SPECIFICATION

NPUs are specialized processors specifically designed to accelerate IP packet processing. The PCI-X NPU card can be inserted into the QA-T's PCI-X slot as required in order to test the performance of the H/eNodeB.

PCI-X NPU CARD SPECIFICATION

- › 64-bit OCTEON CN38XX processor, 133 MHz PCI-X client mode
- › PCI-X form factor: 4.2 in x 6.6 in
- › Dual 244-pin DDR2 Mini-DIMM sockets supporting up to DDR2-533
- › Application uses multicore (16) MIPS64® architecture
- › Debian Linux OS on user plane
- › Four x 1000 RJ45 Ethernet ports
- › Temperature range: 0 °C to 50°C
- › 25W power to PCI-X card
- › SDK 1.7.2 support



QA-T fitted with PCI-X NPU card



NPU-based interface card for connectivity with the SUT

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