NOVABEAM

OS AURA™

100% OFFLINE · TOUCHSCREEN

THE OFFLINE DISCOVERY COMPUTER.

Learn. Create. Experiment. Play. A compact touchscreen experience designed for curiosity — without Wi-Fi, Bluetooth, an SD card, or cloud services.

LEARN / CREATE / PLAY



ACTUAL DEVICE · CURRENT SCREEN BUILD

01 STUDY + SCIENCE

Math, STEM tools and built-in references.

02 CODE + CREATE

Python learning, notes, drawing and QR.

03 PLAY + SOLVE

Five local arcade games and circuit puzzles.

CREATED & DEVELOPED BY TYRONE M. SANDERS

House Of The QR Code™ · USB-powered ESP32 handheld

Development prototype. Current Python runner is an experimental build.

MORE THAN A SINGLE-PURPOSE DEVICE.

An entire offline toolkit in your hands.

NOVABEAM OS AURA™ / SOFTWARE OVERVIEW

STUDY + MATHEMATICS

Study Engine, MathType formulas, calculator and timed review.

SCIENCE + ENGINEERING

Gravity and energy demonstrations, Atlas simulation and circuit calculations.

PYTHON LAB + CODE RUNNER

Five lessons, quizzes, on-device editor and limited Python execution.

NOTES + DRAWING

Create short notes and touch drawings; save small files to internal flash.

ARCADE + CIRCUIT PUZZLES

Space Defender, Adventure Runner, Puzzle Challenge, T-Rex and Reflex Target.

LOCAL UTILITIES

Built-in knowledge and books, offline QR text generation, timer and stopwatch.

OFFLINE BY DESIGN

No sign-in. No cloud processing. No wireless connection required.

BUILT FOR HANDS-ON DISCOVERY

A distinctive educational prototype for independent learners, STEM demonstrations, makers and interactive product showcases.

TYRONE M. SANDERS

Sole Software Creator & Developer | House Of The QR Code™

Prototype status: not a released retail product. Python Code Runner v1.1.4 requires device testing.

HOUSE OF THE QR CODE™

NOVABEAM OS AURA™

REAL-HARDWARE MATH BENCHMARKS

30,000 and 60,000 terms. Fully offline. Photo-documented.

FIELD TEST 01 | EXPONENTIAL SUM

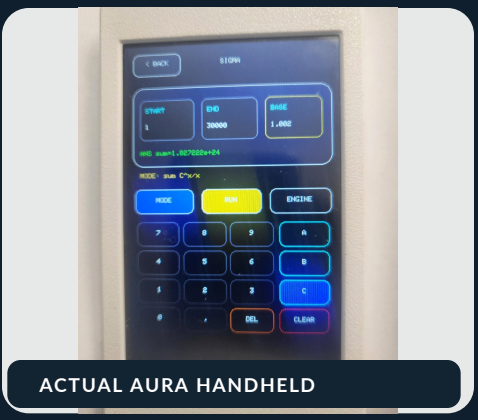
START 1 END 30,000 BASE 1.002

SUM: (1.002)^x / x [x = 1 .. 30,000]

AURA DISPLAY

1.82722e+24

HP / TI REFERENCE: 1.827221657e+24



ACTUAL AURA HANDHELD

FIELD TEST 02 | EXPONENTIAL SUM

START 1 END 60,000 BASE 1.0002

SUM: (1.0002)^x / x [x = 1 .. 60,000]

AURA DISPLAY

14953.140201

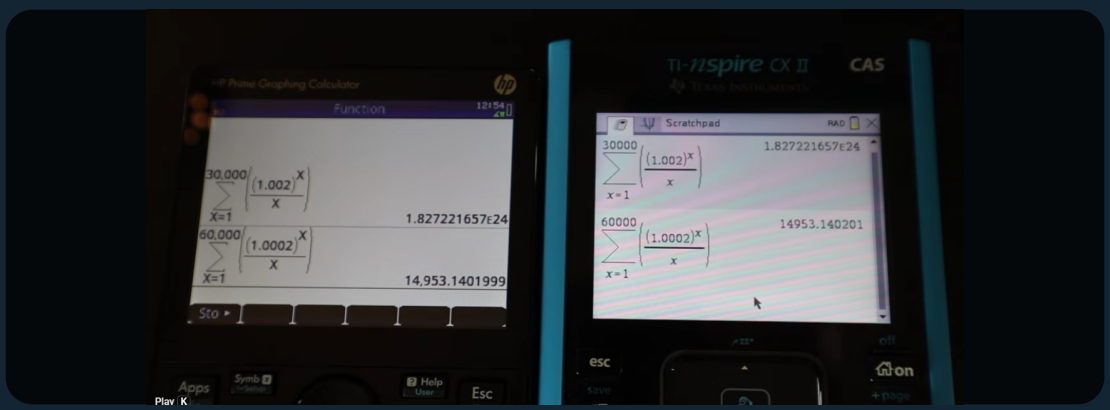
HP / TI REFERENCE: 14953.140201



ACTUAL AURA HANDHELD

COMMERCIAL BENCHMARK REFERENCE

HP Prime and TI-Nspire CX II CAS example



REFERENCE SCREENSHOT SUPPLIED BY CREATOR

Two numerical tests; not a claim of full symbolic CAS equivalence.

30,000-term base = 1.002 | 60,000-term base = 1.0002

Prototype showcase • Created & developed by Tyrone M. Sanders