

LEGO MINDSTORMS NXT 2.0 (Set number 8547)



NXT 2.0 8547

[MINDSTORMS NXT 2.0 \(8547\)](#) came in 2009 to replace the older “NXT 1.0”. This set can presently (2009 – ~) be found in larger toy stores and online. Here’s the summarized specs.

- Total of 619 building elements, [see full overview](#)
- 1x MINDSTORMS NXT Intelligent Brick
- 3x MINDSTORMS NXT Motors
- 1x MINDSTORMS NXT Ultrasonic Sensor
- 2x MINDSTORMS NXT Touch Sensor
- 1x MINDSTORMS NXT *Color* Sensor
- Set of 7 NXT compatible connector cables
(1x Short [15cm] , 4x Medium [35 cm], 2x Long [50 cm])
- 1x MINDSTORMS NXT “2.0” Programming Software

Observe that this set has no Sound Sensor, but instead it has two Touch Sensors. The Color Sensor in this kit can sense both colors *and* light intensity. For details on sensing colors, see “Color Sensor vs. Light sensor” below.