



Spec Sheet: Nest Learning Thermostat



Colors

- Stainless Steel
- Copper
- White
- Polished Steel
- Brass
- Mirror Black
- Black

Display

- 24-bit color LCD
- 480 x 480 resolution
- 2.08 in (5.3 cm) diameter

Sensors

- Temperature
- Humidity
- Proximity
- Occupancy
- Ambient light
- Magnetic (for thermostat ring position)

Size and weight

Display

- Diameter: 3.3 in (8.4 cm)
- Height: 1.06 in (2.69 cm)
- Weight: 7.25 oz (205.4 g)

Base

- Diameter: 3 in (7.6 cm)
- Height: 0.42 in (1.1 cm)
- Weight: 1.35 oz (38.3 g)

Assembled

- Diameter: 3.3 in (8.4 cm)
- Depth: 1.21 in (3.08 cm)
- Weight: 8.6 oz (243.7 g)

Remote control requirements

- Compatible HVAC system
- Wi-Fi internet connection
- Phone or tablet (iOS or Android)
- Google Home app or Nest app

Languages

- English
- French
- Spanish
- Dutch
- Italian

Wireless

- Working Wi-Fi connection:
802.11b/g/n @ 2.4 GHz, 5 GHz
- Wireless interconnect:
802.15.4 @ 2.4 GHz
- Bluetooth Low Energy (BLE)

Battery

Built-in, rechargeable lithium-ion battery

Power consumption

Less than 1 kWh/month

Voice control

- Works with Hey Google and Alexa
- Voice control requires a compatible device

Room comfort sensor compatibility

Works with the Nest Temperature Sensor (sold separately)

Certifications

ENERGY STAR® certified thermostat

ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.

Multi-zone control

- Multi-zone homes: You can control up to 20 thermostats per home.

In the box

- Thermostat display
- Base
- Optional trim kit
- Mounting screws and labels
- Screwdriver
- Installation guide
- Welcome guide

Compatibility

- The Nest Learning Thermostat works with 95% of 24V heating and cooling systems, including gas, electric, forced air, heat pump, radiant, oil, hot water, solar and geothermal.
- Heating: 1, 2 and 3 stages (W1, W2, W3)
- Cooling: 1 and 2 stages (Y1, Y2)
- Heat pump: with auxiliary and emergency heat (O/B, AUX, E)
- Humidifier or dehumidifier (HUM, DEHUM)
- Fan (G)
- Power (C, RH, RC) compatible with dual transformer systems

Warranty

2-year limited warranty