



Google Nest Thermostat E

Find out how the Google Nest Thermostat E keeps you comfortable and saves energy.



Color



White

Dimensions

- W: 3.21 in (8.16 cm)
- H: 3.71 in (9.44 cm)

Weight

- With cable: 14.3 oz (408 g)

Screen

- 24-bit color LCD
- 320 x 320 resolution at 182 pixels per inch (PPI)
- 4.5 cm diameter

Battery

- Built-in rechargeable lithium-ion battery

Power consumption

- Less than 1 kWh/month

Languages

- English (US, UK)
- Dutch
- French (Canada, France)
- Italian
- Spanish (Americas, Spain)

Sensors

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

Connectivity requirements

- Wi-Fi internet connection
- Phone or tablet running iOS or Android
- Nest app

Wireless

- 802.11 a/b/g/n (2.4GHz/5GHz) Wi-Fi
- 802.15.4 (2.4GHz)
- Bluetooth® low energy

Certification

- UL 60730-1, Standard for Safety Automatic Controls
- UL 60730-2-9, Particular Requirements for Temperature Sensing Controls
- ENERGY STAR®

Warranty

- 1-year limited warranty. For help, visit nest.com/support.

Green

- RoHS compliant
- REACH compliant
- Recyclable packaging
- Title 20 battery charger compliant
- Learn more at nest.com/responsibility

Compatibility

- The Nest Thermostat E works with 85% of 24V heating and cooling systems, including gas, electric, forced air, heat pump, radiant, oil, hot water, solar and geothermal
- Heating and Cooling: 1 stage of heating (W1) and cooling (Y1) and a second stage of either heating (W2) or cooling (Y2)
- Heat pump: with auxiliary and emergency heat (O/B, AUX)
- Fan (G)
- Power (C, Rh or Rc)
- The Nest Thermostat E is designed to work even if your home doesn't have a common (C) wire, but installing a new C wire may be required
- If you have a dual fuel system, we strongly recommend professional installation
- [See if Nest will work in your home](#)