

SPEC SHEET

Nest Thermostat E  
Easy is smart business.



Meet the Nest Thermostat E.

Helping your customers save money has never been easier with the Nest Thermostat E. It's easy to control – and easy to save energy.

The Nest Thermostat E works with most 24V heating and cooling systems.



Easy to control.

Customers can change the temperature with the Nest app.



Easy to save.

Same proven energy-saving features as the Nest Learning Thermostat.



Know when something is wrong.

Nest can send remote alerts if a system needs attention.



Voice control.

Adjust the temperature with voice-activated Google Assistant or Amazon Alexa.



Simple design.

The frosted display blends into any home.



3400 Hillview Ave  
Palo Alto, CA 94304

1-855-VIP-NEST  
nest.com

FEATURES

- Auto-Schedule
  - Home/Away Assist
  - Energy History
  - Home Report
  - Nest Leaf
  - Nest App
  - Airwave
- System Match
    - Early-On
    - Heat Pump Balance
    - True Radiant
  - Time-to-Temperature
  - Weather Aware
  - Advanced Fan Control
  - Sunblock
- Cool to Dry
  - Thermostat Lock
  - Software Updates over Wi-Fi
  - Safety Temperature Alert
  - Furnace Heads-Up
  - Filter Reminder
  - System Test

SPECS

- Color**

  - White

**Display**

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

**Sensors**

  - Temperature
  - Humidity
  - Proximity/Occupancy
  - Ambient light

**Size and weight**

  - Mass: 4.9 oz (139 g)\*
  - Diameter: 3.19 in (8.1 cm)
  - Height: 1.14 in (2.89 cm)

\*Weights may vary slightly
- Connectivity requirements**

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

**Languages**

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

**Wireless**

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

**Battery**

  - Built-in rechargeable lithium-ion battery

**Power consumption**

  - Less than 1 kWh/month

**Warranty**

  - 1-year limited warranty. Enter Nest Pro ID during setup for an extra 2 years, for a total of 3. For help, visit [nest.com/support](https://nest.com/support). Our support team is also available by phone.

IN THE BOX

- Display
  - Base
- Optional trim plate
  - Mounting screws and labels
- Installation Guide
  - Pro installation card

COMPATIBILITY

- The Nest Thermostat E works with most 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)

BANDWIDTH REQUIREMENTS

- Average bandwidth approximately 50MB/week upload and 50MB/week download

CERTIFICATIONS

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



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