

Transitioning from the Nest Thermostat E to the Nest Learning Thermostat (4th gen)

The Nest Learning Thermostat (4th gen) offers improved compatibility, working with most systems including ventilation. It includes a temperature sensor in the box, enhancing comfort throughout the home. Its modern and sleek design provides a premium look, allowing it to seamlessly blend in with the surroundings in a home.



Nest Thermostat E



Nest Learning Thermostat (4th gen)

Equipment Compatibility

Compatibility	2H/1C conventional 1H/2C heat pump/hybrid heat	3H/2C conventional 4H/2C heat pump/hybrid heat
Humidifier Dehumidifier		✓ (Hum and Dehum)
Ventilation		✓ (ERV, HRV, Supply-Only, Exhaust)
Emergency Heat	✓ Dedicated wire not required or supported	✓ Dedicated wire supported in star terminal, but not required
Fan Control	Single Speed	Up to 3 speeds
System Power Test		✓
Power Sharing	Supported	Improved
Nest Temperature Sensor	✓	✓ (one 2nd gen sensor included in box)

Features and Settings

Energy Saving Features	Energy Star Certified Auto Schedule, Eco Temps, and more	Energy Star Certified Smart Schedule, Adaptive Eco, and more
Advanced Settings		✓
Custom Heat Pump Settings		✓

Hardware and Design

Color Options	White	Polished Silver, Polished Obsidian, Polished Gold
Pro Setup (No WiFi Required)	On Thermostat	Google Home App
Platform	Nest App, Google Home App	Google Home App, Matter Compatible
Trim Kit and Electrical Box Adapter in box		✓

All Nest thermostats support:

- HVAC System Health Monitor
- Voice Control (Google Assistant or Alexa)
- Nest Power Connector
- Remote Access via mobile app
- Extended Pro warranties
- Nest Renew