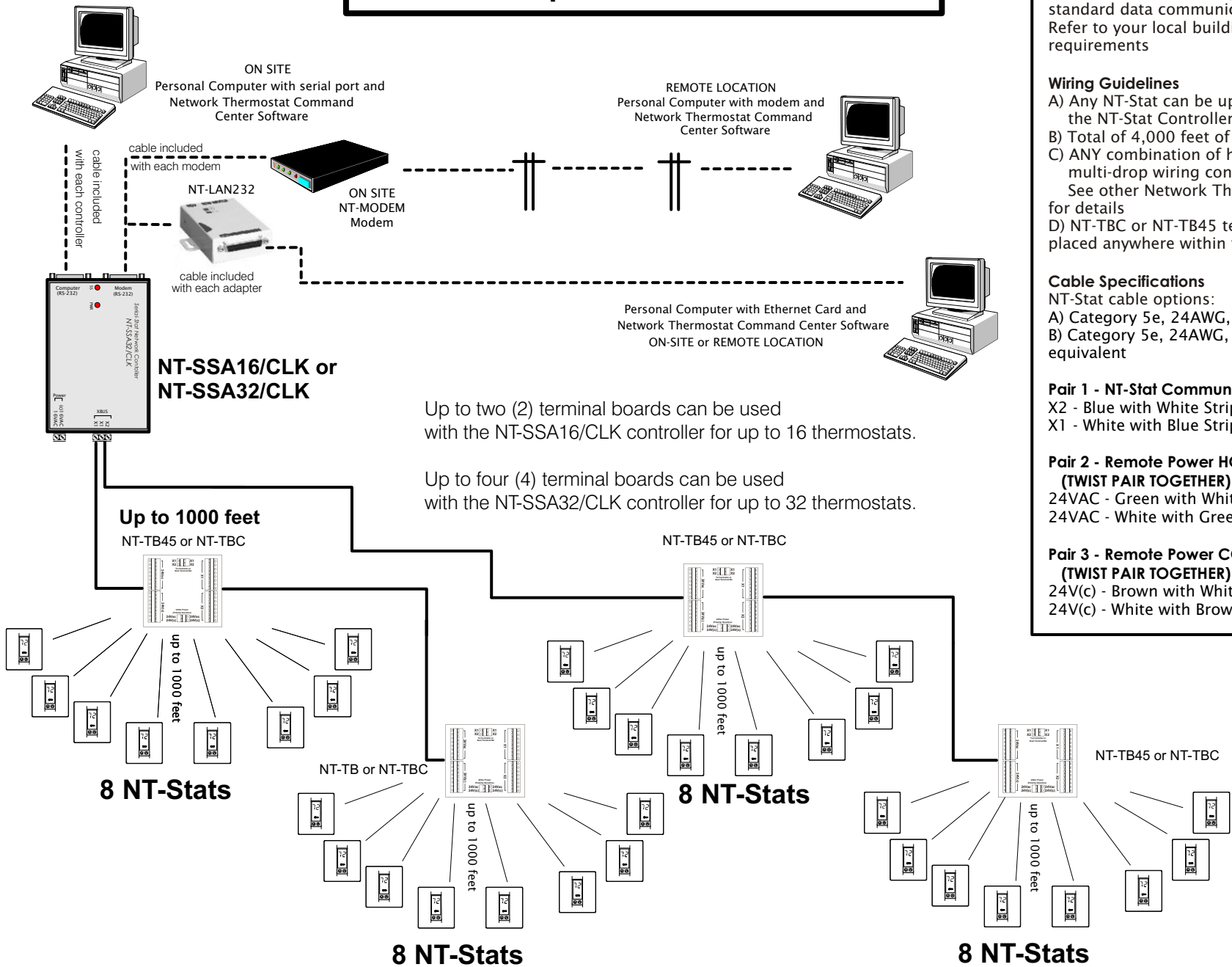


# Network Wiring for Small Systems with up to 32 Thermostats



**Cable and Wiring Notes**  
All NetworkThermostat products follow industry standard data communications wiring practices. Refer to your local building codes for specific requirements

**Wiring Guidelines**  
A) Any NT-Stat can be up to 1000 feet away from the NT-Stat Controller  
B) Total of 4,000 feet of cable on any one controller  
C) ANY combination of home-run, daisy-chain, or multi-drop wiring configuration may be used. See other Network Thermostat wiring diagrams for details  
D) NT-TBC or NT-TB45 terminal boards may be placed anywhere within the 4,000 feet

**Cable Specifications**  
NT-Stat cable options:  
A) Category 5e, 24AWG, 4-pair, or equivalent  
B) Category 5e, 24AWG, 4-pair, plenum rated or equivalent

**Pair 1 - NT-Stat Communications Bus**  
X2 - Blue with White Stripe  
X1 - White with Blue Stripe

**Pair 2 - Remote Power HOT (TWIST PAIR TOGETHER)**  
24VAC - Green with White Stripe  
24VAC - White with Green Stripe

**Pair 3 - Remote Power COMMON (TWIST PAIR TOGETHER)**  
24V(c) - Brown with White Stripe  
24V(c) - White with Brown Stripe