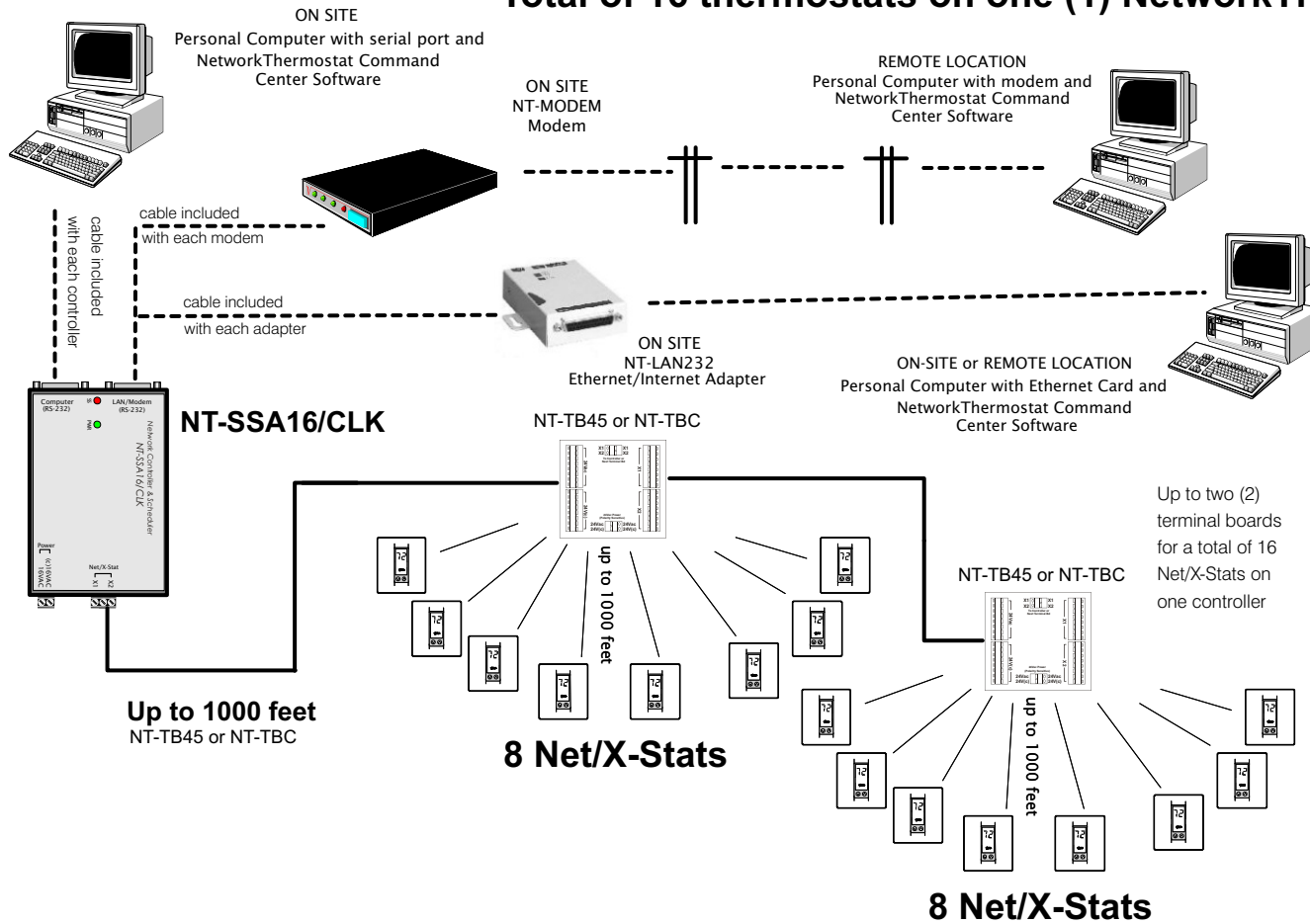




# Typical HVAC Communications Network for NT-SSA16/CLK Network Controller

## Total of 16 thermostats on one (1) NetworkThermostat Net/X-Stat Controller



### 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 Serial-Stat can be up to 1,000 feet away from the Network Controller
- B) Total of 2,000 feet of cable on any one controller for Net/X-Stat communications (X1-X2)
- C) ANY combination of home-run, daisy-chain, or multi-drop wiring configuration may be used
- D) NT-TBC or NT-TB45 terminal boards may be placed anywhere within the 2,000 feet

### Cable Specifications

Net/X-Stat cable options:

- A) Category 5, 24AWG, 4-pair, or equivalent
- B) Category 5, 24AWG, 4-pair, plenum rated or equivalent

### Pair 1 - Net/X-Stat Communications Bus

X2 - Blue with White Stripe

X1 - White with Blue Stripe

### Pair 2 - (Option) Contact Closure Setback

CLK2 - Orange with White Stripe

CLK1 - White with Orange Stripe

### Pair 3 - (Option) Remote Power

24VAC (common) - Green with White Stripe

24VAC - White with Green Stripe

### Pair 4 - (Option) Spare Pair

Spare - Brown with White Stripe

Spare - White with Brown Stripe