Server Cabinet Heat-Load Worksheet

Customer / company: _____ Date: _____

Location / project: _____ Cabinet size: _____

Enter realistic operating power for each installed or proposed device. For multiple devices, multiply quantity by operating watts per unit.

Item / make / model	Qty	W per device	Total W
TOTAL OPERATING WATTS			

A. Total operating watts: _____ W

B. Other heat inside cooled space (e.g., UPS losses, not double counted): _____ W

C. Total heat load = (A + B) × 3.412: _____ BTU/hr

D. Future capacity allowance: _____ %

E. Planning load = C × (1 + D / 100): _____ BTU/hr

Room temperature (normal / maximum): _____ / _____ °F Electrical service: _____

For calculated examples, automatic totals, and additional device rows, use the accompanying Mainline Excel worksheet.

Planning use only. Verify current and projected maximum loads and actual manufacturer cooling specifications.