



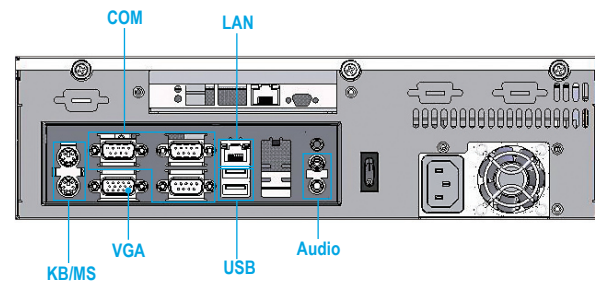
The WADE-2231Q is a rugged and stylish barebones system suitable for embedded applications that stand alone or are rackmounted. Its effective ventilation is achieved by the mesh design of the front panel. No actual tool is needed to release the

top cover of chassis, simplifying integration and field service. This barebone system includes a WADE series board, 150/180-watt power supply, 3.5" drive bay and one PCI expansion slot.

FEATURES

- Bare-bones Chassis for Mini-ITX board
- Tool-free mechanism to open the top cover
- Rugged and stylish design
- Quick 3.5" HDD installation by releasing the top cover

REAR I/O



| POWER SUPPLY | FSP180-50PLA optional |
|----------------------------|---|
| Input Voltage | 90V ~ 264V AC, full range |
| Input Frequency | 47 ~ 63 Hz |
| Input Current | 5A@115V, 3A@230V |
| Efficiency | >68% |
| Holdup Time | 20ms. at full load@25°C |
| Over Voltage Protection | +5V@5.7~6.5V; +3.3@3.7~4.5V; +12V@13.3~+5.6V |
| Over Power/Load Protection | Output power over to 110%~140% |
| MTBF | 100,000 hrs |
| EMI & Safety Approval | UL, TUV, CE, FCC, CB, CSA, SEMKO, FIMKO, NEMCO, DIMCO |
| Temperature/Humidity | Operating: 0 ~ 50°C, 20 ~ 85%RH Storage: -40 ~ 70°C, 10m ~ 90%RH |
| Dimension (WxDxH) | 150x81.6x40.6 mm; 5.9"x3.2"x1.6" |

ORDERING GUIDE

- **WADE-2231Q-150X**
Rugged and stylish industrial Mini-ITX Bare-bones Chassis with 150W active PFC PSU
- **WADE-2231Q-180X**
Rugged and stylish industrial Mini-ITX Bare-bones Chassis with 180W active PFC PSU (Core™ 2 Quad Solution)

| MECHANICAL & ENVIRONMENTAL | |
|----------------------------|-----------------------|
| Operation Temperature | 0~50°C |
| Storage Temperature | -20~80°C |
| Relative Humidity | 5~95% non-condensing |
| Dimension | 310 x 252 x 86.3 (mm) |
| Weight | 3.5 Kg |