



The WADE-1120A is designed to efficiently dissipate any internal heat, eliminating the need for a ventilation fan. It is the perfect system solution for any embedded application that operates in a harsh environment. WADE-1120A is designed with either a built-in WADE-8041 board or similar Mini-ITX

board as the barebone system. Its unique tool-free design allows the integrator or field service professional to release the top cover easily and quickly. Complete with memory, DOM or Compact flash, WADE-1120A is ready to go to work.

## FEATURES

- Integrated with WADE-8041 or similar Mini-ITX board
- Small form factor with fan-less ventilation mechanism
- Rugged design for harsh environment
- Unique tool-free design for quick top cover release

### POWER SUPPLY

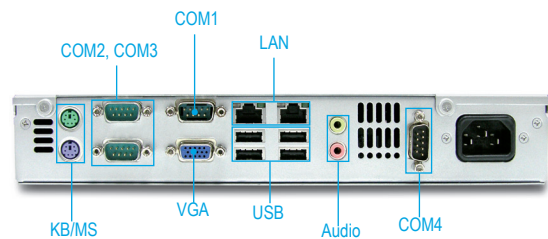
FSP055-50LM optional

Maximum Output	55W ATX power supply
Input Voltage	90V ~ 265V AC, full range
Input Frequency	47 ~ 63 Hz
Input Current	2.0A(RMS)@115V, 1.0A(RMS)@230V
Efficiency	>74%
Holdup time	17ms. at 115V/60Hz or 230V/50Hz
Over Voltage Protection	3.3V@3.5~4.5V; 5V@5.5~6.82V; 12V@13.4~16.5V
MTBF	121,330 hrs
Certification	UL, cUL, TUV, CE, FCC
Dimension (WxDxH)	183 x 50 x 37.6 mm; 7.2" x 2" x 1.5"

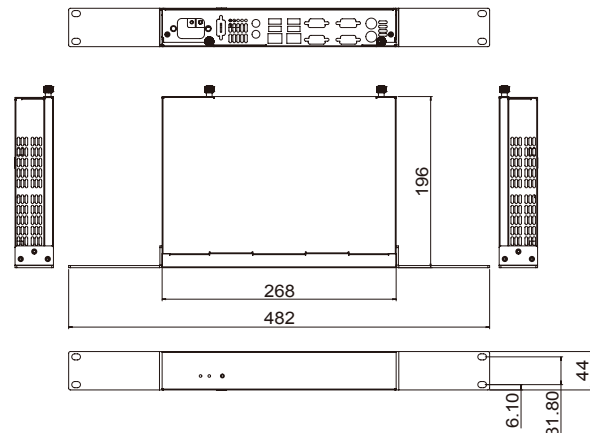
### MECHANICAL & ENVIRONMENTAL

Operation Temperature	0~50°C
Storage Temperature	-20~80°C
Relative Humidity	5~95% non-condensing
Dimension	268 x 196 x 44 (mm)
Weight	2.2 Kg

## REAR I/O



## ENGINEERING DRAWING



## ORDERING GUIDE

### ■ WADE-1120A-55X

The Fan-free Designed Compact Node Chassis built with 55W ATX PSU

\* Rack-mount kit available (option)