



Features

- Advanced, Reliable, Trusted, Optimized embedded computing platform
- Modularized carrier design and corresponding carrier for Mini-ITX form factor
- Support Portwell 5.25" and Mini-ITX form factor embedded board
- Expansion for up to two PCI supporting versatile function
- Detachable design for easy maintenance and upgrading

Specification

Chassis Dimension

- 347(W) x 240(L) x 73(H)mm

Board Support

- ICEB-3815VLA / 3830VLA / 3818VG2A / 3832ZVLA

CPU

- Intel® Pentium® 4 / Pentium® M / Celeron® M 600 for ICEB-3832Z (on board)

System Memory

- (Option)256 or 512 MB (Up to 1GB)

PSU

- ATX type 250W

Storage Device

- 3.5" HDD and compact flash card

I/O

- RS-232 x 2, 10/100 Ethernet x 1, Audio (AC'972.2/2.3), VGA, USB x 2, 2 PCI extension slots (One PCI only for ICEB-3818)

Expansion

- Up to two PCI (one for ICEB-3818 only)

Riser card

- ICER-5222R (for 3815 / 3832 / 3830)
- ICER-501R (for 3818)

Indicator

- Power and HDD

Colour

- Silver

Maximum Output

- 250W

Output Voltage & Current

- +5V @ 20A, +12V @ 12A, -12V @ 0.5A, -5V @ 0.2A, +3.3V @ 14A, +5V SB @ 2A

Input Voltage

- 100~240V AC (With 10% tolerance)

Input Frequency

- 50~60Hz

Input Current

- 4A @ 100V ; 2A @ 230V

Efficiency

- >90%

MTBF

- 113,000 hrs

PSU Certification

- UL, cUL, TUV, CE, FCC

Operating Temperature

- 0 to 40°C

Storage Temperature

- -20 to 70°C

Relative Humidity

- 5% to 95%, non-condensing



Tool Free Modularized Carrier Design



I/O Connection
Multiple I/O connector and up to two PCI slots

Ordering Information

- | | |
|--------------------|---|
| AD-220-3815 | - (socket 478 Pentium® 4, Intel® 852GME+ICH4 chipset) 256 or 512MB Memory / Pentium® 4 2.0 or Celeron® 2.0 GHz |
| AD-220-3832 | - (CPU on board; Celeron® M 600 MHz, Intel® 852GM+ICH4 chipset) 256 or 512MB Memory |
| AD-220-3830 | - (socket 479 Pentium® M, Intel® 855GME+ICH4 chipset)256 or 512MB Memory / Pentium® M 1.6 or Celeron® M1.3/1.5 GHz |
| AD-220-3818 | - (socket 479 Pentium® M or Celeron® M, Intel® 915GM+ICH6 chipset) 256 or 512MB Memory / Pentium® M 1.6 or Celeron® M 1.3/1.5 GHz |