



ARTo-220

1.5U slim size chassis for 5.25" SBC with 3.5" storage and up to two PCI slots



Flexible Stylish Bezel



Proof of Concept Design
Customized Project Welcome

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

WHAT'S NEW



Tool Free Modularized Carrier Design



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

SYSTEM

Chassis Dimension	347(W) x 240(L) x 73(H)mm
Board Support	PEB-3715VLA / 3730VLA / 3718VG2A / 3732ZVLA
CPU	Intel® Pentium® 4 / Pentium® M / Celeron® M 600 for PEB-3732Z (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	RS232 x2, 10/100 Ethernet x1, Audio (AC'97 2.2/2.3), VGA, USB x2, 2 PCI expansion slots (One PCI only for PEB-3718)
Expansion	Up to two PCI (one for PEB-3718 only)
Riser card	PEB-5222R (for 3715 / 3732 / 3730) PEB-501R (for 3718)
Indicator	Power and HDD
Color	Silver

POWER SUPPLY

Maximum Output	250W
Output Voltage & Current	+5V@20A, +12V@12A, -12V@0.5A, -5V@0.2A, +3.3V@14A, +5V@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
Certification	UL, cUL, TUV, CE, FCC

ENVIRONMENT

Operating Temperature	0 to 40°C
Storage Temperature	-20 to 70°C
Relative Humidity	5% to 95%, non-condensing

PACKING LIST

- SBC user manual
- Utility CD

ORDERING GUIDE

Standard	Configuration
ARTo-220-ITX	Adopt WADE mini-ITX series M/B
ARTo-220-3715	(socket 478 Pentium® 4, Intel® 852GME+ICH4 chipset) 256 or 512MB Memory / Pentium® 4 2.0 or Celeron® 2.0 GHz
ARTo-220-3732	(CPU on board; Celeron® M 600 MHz, Intel® 852GM+ICH4 chipset) 256 or 512MB Memory
ARTo-220-3730	(socket 479 Pentium® M; Intel® 855GME+ICH4 chipset) 256 or 512MB Memory
ARTo-220-3718	(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