

Server Board M215X

Arima
Server



Model	PCI-X	VGA	USB
M2150	✓	✓	4R,4I
M2151	-	✓	4R,2I
M2153	-	✓	2R,2I
M2154	-	-	2R,2I
M2155	✓	✓	2R,2I

Benefits:

- Offers great performance for entry UP server applications
- High compute and I/O performance to support multiple users and operate continuously
- Highly reliable and powerful memory subsystem with automatic correction of single-bit errors, which may improve system uptime
- IPMI 2.0 compliance solution for monitoring hardware and software status regardless of OS or power state

Specification:

Processors

- Dual-Core Xeon® 3000 Series, Pentium® D, Pentium® Extreme Edition, Pentium 4 & Celeron D
- Intel 3010/3000 (Mukilteo-2P / Mukilteo-2 (MCH)) chipset
- PXH-V PCI-E to PCI-X bridge(option)
- SMSC SCH5017 Super I/O chip

Memory

- Supports up to 8GB Un-buffered ECC/Non-ECC DDR2 667/533 MHz

BIOS

- 8Mb Phoenix BIOS
- Legacy USB support
- SMBIOS 2.3.3 & DMI 2.0 compliant
- Plug and Play (PnP)
- APM 1.2
- DMI 2.1
- ACPI 1.0

IDE

- Supports up to 2 Enhanced IDE devices

VGA

- ATI ES1000 with 32MB DDR device memory

SATA2

- 4 SATA Ports
- SATA Raid 0, 1, 5, 10

LAN

- Dual Intel 82573 PCI-Express x1 Gigabit Ethernet Controllers

Expansion Slots

- 2 * PCI-E X8 slots
- 2 * PCI-X (133/100 MHz) slots
- 1 * PCI 32 bit, 33MHz slot

Server Management

- Scorpio socket
- Monitors CPU temperature/voltages, FAN status, +3.3V, +5V, ±12V & +5V standby

Integrated I/O Interface

- 1 * Floppy connector
- 6 * USB 2.0 Ports
- 2 * COM ports
- 2 * RJ-45 LAN ports
- PS/2 mouse and PS/2 keyboard connectors with wake-up function

Form Factor

- ATX form factor with size: 12" X 9.6" (6 layers)
- P4 12V power connectors (24pin + 8/4pin)

Option Parts	Description
OPMA Card	Arima scorpio card

Arima Computer Corporation

No.758, Sec.4, Bade Road, Taipei 10567, Taiwan
Tel: 886-2-27495588 Fax: 886-2-27618010

E-mail: server_usa@arima.com.tw, server_europe@arima.com.tw, server_japan@arima.com.tw, server_asia@arima.com.tw,