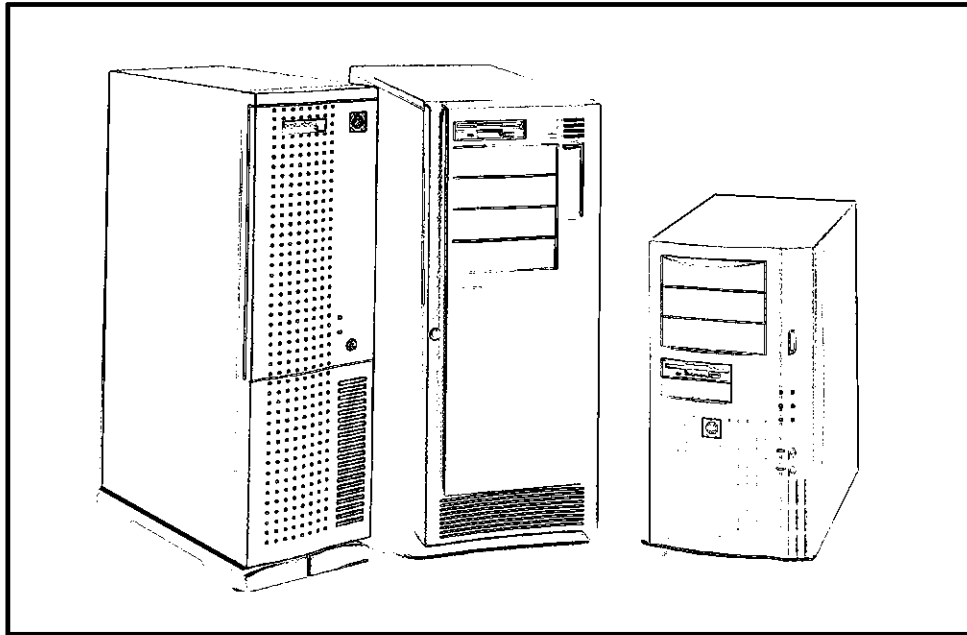
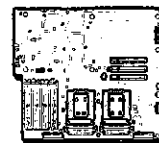
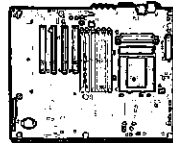
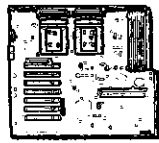
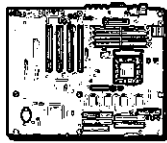


NUCLEUS SERVER SERIES



Micronics Computers, Inc. enhances its product offering in the ever-expanding application server market with its line of Nucleus server products. The Nucleus Servers are high-performance, one-to-two way server products that target demanding Windows NT and Novell applications. These servers offer fault-tolerant features that ensure data integrity in high system uptime to meet the uninterrupted-availability demands of business-critical environments.

NUCLEUS SERVER SERIES



Family Name

	MS4110	MS6411	MS4310	MS5410	MS4420
System Board	M55Hi-Plus	M6DPI	M6Mi	M6Me	W6-LI
Form Factor	ATX	AT	ATX	AT	ATX
Chipset	430HX	440FX	440FX	440FX	440FX
Processor	Single Pentium 75-200MHz	Dual Pentium Pro 166-200MHz i960RP (I ₂ O)	Single Pentium Pro 166-200MHz	Dual Pentium Pro 166-200MHz	Dual Pentium Pro 166-200MHz
Cache					
Level 2 Cache	256/512K	256K/512K	256K/512K	256K/512K	256K/512K
Peripheral Interface	Mode 4 EIDE	Mode 4 EIDE Ultra F/W SCSI (opt) RAID Port onboard	Mode 4 EIDE	Mode 0 ISA IDE Ultra F/W SCSI (opt)	Mode 4 EIDE Ultra F/W SCSI (opt)
Memory					
Maximum ECC/EDO	512MB Standard	1GB Standard	768MB Standard	1GB Standard	1GB Standard
FPM Memory	Yes	Yes	Yes	Yes	Yes
Sockets	4 2xSided SIMMs	4 DIMMs (Unbuffered)	6 2xSided SIMMs	8 2xSided SIMMs	4 DIMMs (Buffered)
Expansion Slots					
EISA	-	-	-	6	-
ISA	4	2	3	-	2
PCI	4	7	4	3	4
Shared	1	1	1	1	1
BIOS					
Phoenix 4.0X	Yes	Yes	Yes	Yes	Yes
Flash (1MB)	Yes		Yes	-	-
Flash (2MB)	-	Yes	-	Yes	Yes
Floppy Drive					
One 3.5" floppy disk drive	Yes	Yes	Yes	Yes	Yes
Cables					
Floppy Drive Cable	1	1	1	1	1
Parallel Port Cable	1	1	1	1	1
Serial Port Cable	2	2	2	2	2
Video (optional)	-	Cirrus Logic 1MB (expandable to 2MB)	-	Cirrus Logic 1MB (expandable to 2MB)	-
Sound (optional)	Vibra 16C	Vibra 16CL	Vibra 16C	-	Vibra 16CL
Server Management	-	LM78 on board System CPU Monitoring	-	-	-
Cases	Mid Tower (dimensions 9.3"/17.1"/16.7")	Full Tower (dimensions 26"/10"/24.5")	Mid Tower (dimensions 9.3"/17.1"/16.7")	Full Tower (dimensions 7.7"/25.6"/17.5")	Mid Tower (dimensions 9.3"/17.1"/16.7")
Ports	2-serial/1-parallel Supports IrDA, HP-SIR, ASK-IR	2-serial/1-parallel Supports IrDA, HP-SIR, ASK-IR	2-serial/1-parallel 1-IrDA 2-USB	2-serial/1-parallel	2-serial/1-parallel 1-IrDA 2-USB
Bays	3-3.5HH 3-5.25HH 1-3.5FDU	1-3.5HH slim 4-5.25HH 6-3.5 or 5.25FDU	3-3.5HH 3-5.25HH 1-3.5FDU	3-3.5HH 4-3.5HH 2-3.5FDU	3-3.5HH 3-5.25HH 1-3.5FDU
Fans 1 (2nd opt.)	Yes	2 (4 opt)	Yes	Yes	Yes
Power Supply	235 watt	300 watt dual, redundant	235 watt	300 watt	235 watt