

Little Dragons

Server Appliances



Little Dragon 1U



Little Dragon 2U

- Highly affordable
- Compact design
- Barebone to full system configuration
- FlexATX motherboard form factor
- Supports Linux, Windows NT, or O/S 2
- Fits open-frame or enclosed racks

The Little Dragon Series server appliances are ideal for a broad variety of server and host farm applications. Their low profile and compact size allows you to accommodate a large number of servers in a single equipment rack or relay frame. You can also use the provided rubber feet to just stack them on top of each other. They are available in both 1U and 2U configurations so you can make optimum use of available rack space based on the number of drive bays and expansion cards needed in each unit. Both are available as a barebone (motherboard, case, and power supply) or complete system.

The Little Dragon Series takes full advantage of Itox's core technologies – advanced motherboard development, industrial PC case design and precision off-shore manufacturing. As a result, Itox can provide these high quality servers at extremely competitive prices. ITOX, Inc., headquartered in East Brunswick, New Jersey, was established in 1987. We specialize in developing high quality applied computing platforms for industrial applications. Itox design and manufacturing facilities are certified to ISO 9001 standards to assure you of the highest quality and reliability.

The Little Dragons are perfect for a wide range of applications where high-density, performance, and modularity for easy replacement are requirements. They are ideal for Application Service Providers and Internet Service Providers.

Applications

- Front-end Webserver (website hosting)
- Beowulf Clusters
- RAIS (Redundant Array of Inexpensive Servers)
- NAS (Network Attached Storage)
- Print Server
- Firewall
- DNS Server
- Computer Telephony Server
- Host farms

Little Dragon Series Features (all models)

- Heavy duty steel construction
- Rack, or wall mountable; stackable tabletop
- 150 watt, 115/230 VAC power supply
- Compete with ITOX G3701F10 motherboard
 - Intel Celeron/Pentium III, 433MHz or faster
 - Intel LAN Controller
 - Built-in Video

Little Dragon 1U – Great Compact Design

- 1U (1.75") high
- One Full Length PCI slot
- 3 Drive Bays

Little Dragon 2U - Offers More Expansion

- 2U (3.5") high
- Two Full Length PCI slots
- 4 Drive bays

Little Dragon Series Specifications

Specification	Little Dragon 1U	Little Dragon 2U
Processor Class	Intel Pentium III (FC-PGA) to 700 MHz Intel Celeron™ to 533MHz	Intel Pentium III (FC-PGA) to 700 MHz Intel Celeron™ to 533MHz
Mounting Configuration	Rack mount / Wall mount / Stackable table top	Rack mount / Wall mount / Stackable table top
Motherboard	G370IF10 (FlexATX)	G370IF10 (FlexATX)
Expansion Slots	1 Full length PCI	2 Full length PCI
Case Type	Steel 1U enclosure	Steel 2U enclosure
Chipset	Intel 810, 66MHz and 100 MHz FSB speed	Intel 810, 66MHz and 100MHz FSB speed
CPU Speed	Up to 700 MHz	Up to 700 MHz
Cache, KB	Pentium III: 256kb on processor Celeron: 128kb on processor	Pentium III: 256kb on processor Celeron: 128kb on processor
Memory Size	16 MB to 512MB	16 MB to 512MB
Memory Type	SDRAM	SDRAM
BIOS	Award	Award
Keyboard and Mouse Connectors	Rear panel access	Front panel and rear panel access
Video	On- Board VGA, up to 1600 x 1200	On- Board VGA, up to 1600 x 1200
TV Compatible Video Out	Yes; Chromtel CH7007 chip	Yes; Chromtel CH7007 chip
Onboard LAN	Intel 82559 fast Ethernet controller 10BASE-T and 100BASE-TX compatible	Intel 82559 fast Ethernet controller 10BASE-T and 100BASE-TX compatible
Onboard Audio	32-voice wavetable synthesis	32-voice wavetable synthesis
Disk Drive Bays Total	3	4
3 ½" Drives	2 (one internal & one externally accessible)	3 (one internal & two externally accessible)
5 ¼" Drives	1 (externally accessible)	1 (externally accessible)
Parallel Port	EPP/EPC compatible; 25 pin connector	EPP/EPC compatible; 25 pin connector
ATX Double Deck Ports	2 USB ports, 1 DB-9 serial port, 1 DB15 VGA port, 1 mini-DIN-6 PS/2 mouse port, 1 mini-DIN-6 PS/2 Keyboard port, 1 game/MIDI port, 1 RJ45 LAN port	2 USB ports, 1 DB-9 serial port, 1 DB15 VGA port, 1 mini-DIN-6 PS/2 mouse port, 1 mini-DIN-6 PS/2 Keyboard port, 1 game/MIDI port, 1 RJ45 LAN port
Other Inputs/Outputs	3 audio jacks: line-out, line-in, mic-in	3 audio jacks: line-out, line-in, mic-in
System Dimensions	1.75" h x 16.8" w x 21.2" d (4.4 cm x 42.65 cm x 53.7 cm)	3.5" h x 16.8" w x 17.875" d (8.9 cm x 42.65 cm x 45.4 cm)
Motherboard Dimensions	9 " x 7.5" (22.8 cm x 19 cm)	9 " x 7.5" (22.8 cm x 19 cm)
System Weight	19 lbs. (8.6 kgs)	19.9 lbs. (9.1 kgs)
Case Color	Industrial Gray	Industrial Gray
Number/Size of Fans	2 – 4x4 cm fans in front panel 1 – 4x4 cm fan in rear panel power supply	1- 8 cm dia. fan with filter in front panel 1- 4 cm dia. fan in rear panel power supply 2 - 4x4 cm fans in side panel
Power Supply	150 Watts, switch selectable 115/230 VAC, 50 to 60 Hz	150 Watts, switch selectable 115/230 VAC, 50 to 60 Hz
Other Features	Voltage monitor, fan monitor, temperature monitor	Voltage monitor, fan monitor, temperature monitor
Warranty	One year parts and labor	One year parts and labor
Indicators LEDs	Power, HDD	Power, HDD
Front panel switches	Power, Reset	Power, Reset
Certifications	UL, FCC class A, CE pending	UL, FCC class A, CE pending
ITOX Part Number	RG1U370IF10	RG2U370IF10

Specifications subject to change without notice.

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