

CyBox_6

19" 4U Industrial PC
with ATX Mainboard

III Technical Specification

Chassis

- 19" chassis for assembly in 19" rack
- Robust design for rugged environment
- Utilized 3.5" & 5.25" bays with storage kits
- Easy-swap front 120 mm fan with filter
- Adjustable card retainer for low profile or full height PCI card

System Cooling

- 120 mm fan with filter (Front), opt. Papst
- 2 x 80 mm fan optional (Rear), opt. Papst

Drive Bay

- External: 3 x 5.25", 1 x 3.5", 1 x 3.5" or 1 x Slim ODD
- Internal: 3 x 3.5"

Front Control

- Power On/Off, System Reset, 2 x USB 2.0
- Power Status LED, HDD Activity LED

Software

- Windows XP, Windows 7
- 32 bit operating systems are limited to 4 GB RAM
- 64 bit operating systems greater than 4 GB RAM
- 64 bit Linux Ubuntu

Power Supply

- 350 Watt industrial ATX power supply

Chassis Dimension

- D x W x H (mm) 522 x 430 x 176
- D x W x H (inch) 17.5" x 16.9" x 6.9"

Environmental conditions

- Operating Temperature - 0 °C ~ 40 °C
- Operation Humidity 10 % ~ 90 % non-condensing

Custom configurations on request



System	CyBox_630	CyBox_620	CyBox_610
CPU	Intel Core i3 / i5 / i7 Quad/Dual core processor DMI 5.0 GT/s Socket LGA1155	Intel Core 2 Quad Intel Core 2 Duo Intel Pentium Dual Core FSB 1333/1066/800 MHz Socket 775	Intel Core 2 Quad Intel Core 2 Duo Intel Pentium Dual Core FSB 1333/1066/800 MHz Socket 775
Chipset	Intel Q67	Intel Q45 and ICH10DO	Intel G41 and ICH7
Memory	4 x DDR-1333/1066 240-pin DIMM support up to 32 GB	4 x DDR-800/667 240-pin DIMM support up to 16 GB	2 x DDR-1066/800 240-pin DIMM support up to 8 GB
Graphic	CPU internal Intel 2000 DirectX 10.1, OpenGL 3.0 MPEG, VC1, AVC Decode	Internal Intel GMA 4500 DirectX 10, OpenGL 2.0 Shader Model 4.0	Internal Intel GMA X4500 DirectX 10, OpenGL 1.5
Ethernet	LAN 1: Intel 82583V LAN 2: Intel 82579	LAN 1: Intel 82567LM LAN 2: Intel 82574L	Realtek RTL8111E PCIe GbE controller
Storage	2 x SATA 6 Gb/s 4 x SATA 3 Gb/s	6 x SATA 3 Gb/s RAID 0, 1, 5, 10 1 x FDD	4 x SATA 3 Gb/s 1 x CF Type II slot 1 x IDE
Audio	Realtek ACL888 HD Audio	Realtek ACL888 HD Audio	Realtek ACL888 HD Audio
BIOS	UEFI BIOS	AMI BIOS	UEFI BIOS
Ext. I/O Interface	2 x LAN (RJ45) 2 x USB 3.0 2 x USB 2.0 1 x COM1 1 x VGA – DVI-D - HDMI 2 x PS/2 for KB & MS 3 x Audio jack	2 x LAN (RJ45) 4 x USB 2.0 1 x COM1 1 x VGA 2 x PS/2 for KB & MS 3 x Audio jack 1 x LPT	2 x LAN (RJ45) 4 x USB 2.0 1 x COM1 1 x VGA 2 x PS/2 for KB & MS 3 x Audio jack 1 x LPT
Exp. Slots	1 x PCIe x16 1 x PCIe x4 1 x PCIe x4 (x1 link) 3 x PCI-32	1 x PCIe x16 1 x PCIe x4 4 x PCI-32	1 x PCIe x16 1 x PCIe x4 (x1 link) 5 x PCI-32

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