



Open Frame Computers

For optimal configurability open-frame, flat panel computers offer integrated single board computer, display and touchscreen; ready to mount in your custom enclosure, panel or cabinet.

Open Frame Computers Specifications

Display

- 6.4" 640x480 256k color; 300 nit
- 8.4" 640x480 256k color; 230 nit
- 10.4" 640x480 256k color; 350 nit
- 12.1" 800x600 256k color; 340 nit
- 15" 1024x768 256k color; 250 nit
- 17" 1280x1024 16.7M color; 250 nit
- 19" 1280x1024 16.7M color; 250 nit

Contrast ratio

- 120:1 (6.4")
- 200:1 (8.4")
- 180:1 (10.4")
- 300:1 (12.1")
- 350:1 (15")
- 500:1 (17", 19")

Viewing angle

- 6.4" $\pm 55^\circ$ X axis; -10° to 35° Y axis
- 8.4" $\pm 40^\circ$ X axis; -10° to 30° Y axis
- 10.4" $\pm 55^\circ$ X axis; -40° to 15° Y axis
- 12.1" -20° to 40° X axis; $-/+50^\circ$ Y axis
- 15" $\pm 60^\circ$ X axis; -45° to 55° Y axis
- 17" $\pm 85^\circ$ X axis; $-/+85^\circ$ Y axis
- 19" $\pm 85^\circ$ X axis; $-/+85^\circ$ Y axis

CPU

- Up to 1 GHz Pentium III

Memory

- Up to 512 MB SDRAM (6.4")
- Up to 512 MB PC100 SDRAM (8.4", 10.4", 12.1", 15, 17", 19")

Video

- C&T 69030 LCD/CRT controller

Ethernet

- 32-bit PCI-bus Ethernet, 100BaseT or 10BaseT

Hard drive

- Dual PCI IDE hard disk interface

Floppy drive

- Supports two floppy drives up to 2.88M

Serial ports

- Four serial ports, two configurable as RS-422/485

Parallel port

- One parallel port; supports SPP/EPP/ECP

Keyboard

- PS/2 connection (6.4", 8.4", 10.4", 12.1")

I/O expansion

- PISA bus expansion available: either two PCI/ISA or three PCI/ISA + one ISA

Options

Touchscreen

- Resistive, no bezel
- Resistive, NEMA 4 bezel
- Resistive, NEMA 12 bezel
- Infrared, NEMA 12 bezel

USB interface

- Two USB ports via an external cable

Expansion

- 2- or 4-slot PCI/ISA expansion (X(x))

Hard drive

I/O cable / connectors

- Serial, parallel, keyboard and mouse I/O cables / connectors installed

Front mount plate

- Resistive, no bezel
- Resistive, NEMA 4/12 bezel

Computer Dynamics Information Centers

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Additional Resources

For more information, please visit the
Computer Dynamics web site at:

www.codynamics.com

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