COTS Commercial Grade Portable Computer System

P370 Family

Models P37001, P37007, P37008, P37013

Assembled in the USA
ISO 9001:2008 Certified
ITAR Registered

Our P370 portable computer systems are ready for jobs where a laptop isn't enough, but you can't bring your desktop where you need to go. Offering a 17" monitor, excellent processing power and a variety of plug-in options, these systems are a good fit for your portable computing requirements.

Specifications for our standard products can always be customized to fit your unique application requirements.

In-house Engineering Department

Rapid Prototyping

Features

- 1(x) 17" SXGA 1280x1024 Monitors
- Rugged Aluminum Alloy Construction
- 3(x) 3.5" External, Removeable Drive Bays
- Detachable Keyboard with Touch Pad
- Wheeled Padded Transit Case Included

CPU Options

- Single Intel® Xeon® E3 Series
- Single Intel® Core i5® or i7®

Applications

- Telemetry
- Diagnostics
- Simulation
- C4ISR
- Communications
- Imaging
- Persistent Surveillance
- UAVs
- Automation

Benefits

- Preconfigured for Turnkey Operation
- Long-life Components
- Ready for Transport
- Excellent Processing Power

Environments

Designed to meet the below specifications.

HIGH TEMPERATURE

50°C Operational, 60°C Storage

LOW TEMPERATURE

0°C Operational, -20°C Storage

Contact us today!
858.571.4330 or saleseng@chassisplans.com
www.chassis-plans.com

Chassis Specifications

DIMENSIONS

17.1" X 13.7" X 9"   (434.4mm X 348mm X 228.6mm)

WEIGHT

30 pounds, weight varies by configuration

ENCLOSURE FEATURES

Construction

Heavy duty, cold-rolled electroplated steel
Rubber corner bumpers

Drive Capacity

3(x) 3.5" external, removeable drive bays
1(x) slim slot-fed optical drive

Indicators

Power on, disk access

Switches

Power, system reset

FRONT USB PORTS

(2x) ports USB 2.0

SYSTEM COOLING

(2x) 120mm cooling fans

MOTHER BOARD CAPACITY

Designed for ATX-sized motherboard (9.6" X 12")

POWER SUPPLY

Single or redundant 650W 100/240 Volt AC
Other power options available

MONITOR

Anti-glare hard coat standard
Optional touch screen, hi bright, AR cover glass

KEYBOARD

Detachable keyboard
Touch pad

Panel Details

	P370
SCREEN DIAGONAL	17"
CONTRAST RATIO (typical)	800:1
VIEWING ANGLE	80° (L/R/U/D)
RESPONSE TIME (typical)	5ms
NATIVE RESOLUTION	1280 x 1024
BRIGHTNESS	300 cd/m²
BACKLIGHT	TFT
COLORS	16.7M
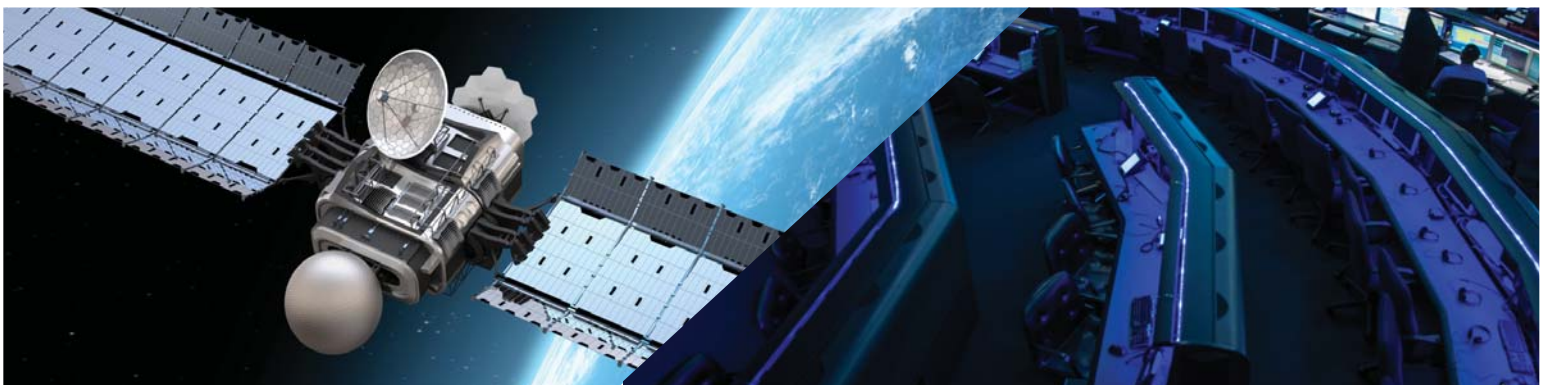
Computer Specifications

	P37001	P37007	P37008	P37013
CPU	Single Intel® Core i7®-860, 2.80GHz OR Single Intel® Core i5®-660, 3.33GHz	Single Intel® Core™ i7-3770 (8M Cache, up to 3.9GHz), Intel® Core™ i5-3550S (6M Cache, up to 3.7GHz), Single Intel® Core™ i7-2600 Processor (8M Cache, 3.4GHz) OR Single Intel® Core™ i5-2400 Processor (6M Cache, 3.1GHz)	Single Intel® Xeon® Processor E3-1275 (8M Cache, 3.4GHz) OR Single Intel® Xeon® Processor E3-1225 (6M Cache, 3.1GHz)	Single Intel® Core i7-4770S 3.9GHz OR Single Intel® Core i5-4570S 3.6GHz
CHIP SET	Intel® Q57 Platform Controller Hub (PCH)	Intel® Q67 Platform Controller Hub (PCH)	Intel® C216 Platform Controller Hub (PCH)	Intel® Q87 Express
MAX RAM	(4x) 240-pin DDR3 Max. 16GB	(4x) 240-pin DDR3 Max. 32GB	(4x) 240-pin DDR3 Max. 32GB	(4x) 240-pin DDR3 Max. 32GB
HARD DRIVES	Up to (3x) SATA2, 500GB, 7200 RPM, 64GB cache standard. Removable.	Up to (3x) SATA2, 500GB, 7200 RPM, 64GB cache standard. Removable.	Up to (3x) SATA2, 500GB, 7200 RPM, 64GB cache standard. Removable.	Up to (3x) SATA2, 500GB, 7200 RPM, 64GB cache standard. Removable.
RAID OPTION	JBOD, RAID 0, 1	JBOD, RAID 0, 1	JBOD, RAID 0, 1	JBOD, RAID 0, 1
OPTICAL DRIVE	24x DVDRW	24x DVDRW	24x DVDRW	24x DVDRW
EXPANSION SLOTS	(1x) PCIe x16 (GEN 2.0), (1x) PCIe x4 (GEN 1.0), (2x) PCIe x1 (GEN 1.0) & (3x) PCI (PCI 2.3)	(1x) PCIe x16 (GEN 3.0), (1x) PCIe x4 (GEN 2.0), (1x) PCIe x1 (GEN 2.0) & (4x) PCI (PCI 2.3)	(2x) PCIe x16 (GEN 3.0), (2x) PCIe x4 (GEN 2.0), (1x) Mini PCIe (GEN 2.0) & (3x) PCI (PCI 2.3)	(1x) PCIe x16 (GEN 3.0), (1x) PCIe x4 (GEN 2.0) (1x) x1 (GEN 2.0) (3x) PCI (PCI 2.3)
REAR I/O	(2x) PS/2 ports, (2x) DB-9 RS232 serial ports, (1x) DVI-I port (DVI-D signal only), (1x) DB-15 VGA port, (2x) RJ45 LAN ports, (4x) USB 2.0/1.1 ports, (1x) Mic-in, (1x) line-in and (1x) line out	(1x) mini-DIN-6 port for PS/2 mouse/keyboard, (2x) DB-9 RS232 serial ports, (1x) DVI-I port (DVI-D signal only), (1x) DB-15 VGA port, (2x) RJ45 LAN ports, (6x) USB 2.0/1.1 ports, (1x) Mic-in, (1x) line-in and (1x) line out	(1x) mini-DIN-6 port for PS/2 mouse/keyboard, (1x) DB-9 RS232 serial port, (2x) DVI-I ports (DVI-D signal only) & (1x) HDMI port, (2x) RJ45 LAN ports, (4x) USB 3.0 ports, (2x) USB 2.0 ports, (1x) Mic-in, (1x) line-in and (1x) line out	(1x) PS/2 ports, (2x) DB-9 RS232 serial ports, (1x) DVI-I port (DVI-D signal only), (1x) HDMI Port, (2x) RJ45 LAN ports, (4x) USB 3.0 ports (2x) USB 2.0 ports, (1x) Mic-in, (1x) line-in and (1x) line out
GRAPHICS ADAPTER	Video card dependent on customer application requirements	Video card dependent on customer application requirements	Video card dependent on customer application requirements	Video card dependent on customer application requirements
AUDIO	Realtek® ALC262 Stereo ADCs and S/PDIF Interface	Realtek® ALC886 5.1-channel High Definition Audio	Realtek® ALC886 5.1-channel High Definition Audio	Realtek® ALC886 5.1 High Definition Audio
LAN	(1x) Realtek® RTL8111DL PCI Express Gigabit Ethernet controller and (1x) Intel® W82578DM with iAMT6.0 Gigabit Ethernet PHY	(1x) Intel® WG82579LM with iAMT7.0 Gigabit Ethernet Phy & (1x) Intel® WG82574L PCI Express Gigabit Ethernet controller	(1x) Intel® WG82579LM with iAMT8.0 Gigabit Ethernet Phy & (1x) Intel® WG82574L PCI Express Gigabit Ethernet controller	Intel I210 PCI Express Gigabit Ethernet controller, Intel I217LM with iAMT9.0 Gigabit Ethernet Phy
O/S	Windows XP® Pro, Windows 7® Pro, 32 & 64-bit Other O/S Available	Windows XP® Pro, Windows 7® Pro, 32 & 64-bit Other O/S Available	Windows XP® Pro, Windows 7® Pro, 32 & 64-bit Other O/S Available	Windows XP® Pro, Windows 7® Pro, 32 & 64-bit Other O/S Available

CHASSIS PLANS®
Systems Engineered to Perform®

P370 Photos

13.7"

I/O connectors are dependent upon the model selected. See specifications for details.

17.1"

9"

Who We Are

CHASSIS PLANS

- Chassis Plans designs, fabricates and integrates standard and customized high-performance computing platforms and LCD monitors for military, industry, and commercial applications.

- Using COTS components, Chassis Plans provides solutions for customers who need reliable systems that will operate in a variety of harsh conditions and who require revision control and hardware consistency for multi-year programs.

- Chassis Plans is an ITAR Registered and SBA-certified small business that has been operating in Southern California for over a decade.

YOUR CONFIGURATION. ONE PART NUMBER.

- It's our mission to make your life easier. Our Sales Engineers will help you select the right configuration for your project, making sure the details are analyzed and that the system meets your specifications.

- One part number means easier procurement and less paperwork for you.

- Dedicated Sales and Program Managers.

- Last time buy opportunities for end-of-life components.

Contact us today!
858.571.4330 or saleseng@chassisplans.com
www.chassis-plans.com

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