COTS Commerical-Grade
1U Rackmount Display Keyboard / KVM

MILITARY | INDUSTRIAL | COMMERCIAL

CHASSIS PLANS®
Systems Engineered to Perform®

CPC Displays

Screen Sizes 17" and 19"

Assembled in the USA
ISO 9001:2008 Certified
ITAR Registered

Our CPC Displays are high-performance 1U rackmount clamshell LCD drawers with keyboards offering 17-inch and 19-inch displays that can be used for many commerical applications. Electrical components are selected for their performance and revision control.

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

In-house Engineering Department

Rapid Prototyping

Applications

- Broadcast
- Telemetry
- Diagnostics
- Simulation
- Communications
- Imaging
- Medical
- Public Safety
- UAV Management
- Automation
- Test and Measurement

Features

- Space savings with 1U 19-inch rackmount drawer design - only 22-inches deep

- Features 17- or 19-inch LCD TFT active-matrix, color panel with LED backlight

- Supports resolutions of up to 1280 x 1024 native

- VGA and DVI-D video input options

- Sleep mode when the monitor cover is closed

- Installs quickly and easily

- Touch pad or trackball input options

- 2-year warranty

Environments

Designed to meet or exceed the below specifications.

HIGH TEMPERATURE
50°C Operational, 60°C Storage

LOW TEMPERATURE
0°C Operational, -5°C Storage

HUMIDITY
5-90%, Non-condensing

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

COTS Commercial Grade 1U Rackmount Monitor / KVM

CPC Panel Specifications

DIMENSIONS

19" X 1.75" X 22.0"   (482.6mm X 44.6mm X 558.8mm)

With Integrated KVM Option

19" X 1.75" X 23.9"   (482.6mm X 44.6mm X 607.1mm)

ENCLOSURE DETAILS

Construction

18 Gauge Cold Rolled Steel (Clear plated)

Powdercoating

Black polyester semi-gloss, fine texture

Rackmount

Minimum 22", maximum 24" rack post to rack post

Rackmount with Integrated KVM Options

Minimum 24", maximum 28" rack post to rack post

FRONT USB PORTS

(1x) port USB 3.0 pass through

INTEGRATED KVM OPTIONS

Easily access up to sixteen computers from a single CPC display and keyboard. Multiple keyboard hotkeys for customized channel selections. Auto scanning allows easy monitoring of attached computers.

4 Port VGA/PS/2

(4) 15 pin HD D-Sub combo-cable connectors
PS/2 or USB connectivity

8 Port VGA/PS/2 /USB

(8) 15 pin HD D-Sub combo-cable connectors
PS/2 or USB connectivity

16 Port VGA/P/2/USB

(16) 15 pin HD D-Sub combo-cable connectors
PS/2 or USB connectivity

4 Port DVI/USB

(4) DVI-D video connectors
(4) Mini-USB Type B High Speed USB
(4) Mini-phone stereo 3.5mm
(4) Mini-phone microphone 3.5mm

Panel Details

	CPC1-17	CPC1-19
SCREEN DIAGONAL	17"	19"
WEIGHT (system)	19.5 lbs	20.5 lbs
CONTRAST RATIO (typical)	1000:1	1000:1
VIEWING ANGLE	80° (L/R/U/D)	80° (L/R/U/D)
RESPONSE TIME (typical)	30ms	5ms
NATIVE RESOLUTION	1280 x 1024	1280 x 1024
BRIGHTNESS	350 cd/m²	330 cd/m²
BACKLIGHT	LED	LED
COLORS	16.7M	16.7M

Power Details

	CPC1-17	CPC1-19
POWER INPUT	AC input 85 to 264VAC	AC input 85 to 264VAC
POWER DISSIPATION (typical)	42 Watts	41 Watts

Controller Specifications

Standard

SUPPORTED VIDEO RESOLUTION

	Standard
VGA (640 x 480)	•
WVGA (800 x 480)	
SVGA (800 x 600)	•
XGA (1024 x 768)	•
SXGA (1280 x 1024)	•
WXGA (1366 x 768)	
WXGA (1280 x 768, 1280 x 800, 1440 x 900)	
WSXGA+ (1680 x 1050)	
HD-1080 (1920 x 1080)	
WUXGA (1920 x 1200)	

INPUTS

Standard

ARGB (15 Pin VGA)	•
DVI-D Input	•
PAL / NTSC / SECAM	
HD-SDI - SMPTE259M, 4.2.2	
HDMI 1.3	
3G HD-SDI 424M 4.4.4	

Optional

Composite Video Input	
HD Component YPbPr	
SD Component YCbCr	

FEATURES

Image Up-Scaling	•
Image Down-Scaling	
Picture In Picture	
Memory Buffer	
Sync On Green/Composite	•
DV RS-232 Serial Protocol	•
Ethernet Command Protocol	
Graphic Image Flip (H&V)	
Text Overlay Function	
Variable Aspect	
Freeze & Zoom Function	
Programmable Hot Keys	

Keyboard Details

Keyboard with TouchPad

Black 15" ultraslim USB keyboard with TouchPad.
Int. space reduced 88 position key layout.
Mechanical keyswitches with laser etched keycap.

Keyboard with Trackball

Black 15" ultraslim USB keyboard with optical trackball.
Int. space reduced 88 position key layout.
Mechanical keyswitches with laser etched keycaps

![CHASSIS PLANS® Systems Engineered to Perform®]

CPC Rear Panel Details

No KVM

4-Port DVI KVM

4-Port VGA KVM

8-Port VGA KVM

16-Port VGA KVM

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, so our Sales Engineers will walk you through the ordering process, making sure the details are resolved and that you get what you need.

- 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!
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CPC-1013