



CPC

RACKMOUNT KEYBOARD AND DISPLAY

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 commercial applications. Electrical components are selected for their performance and revision control.

FEATURES

- Space savings with 1U 19-inch rackmount drawer design - only 22-inches deep
- Features 17- or 19-inch LCD TFT activematrix, 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

KEY SPECS

DIMENSIONS	19" X 1.75" X 22.0" (482.6mm X 44.6mm X 558.8mm) With KVM - 19" X 1.75" X 23.9" (482.6mm X 44.6mm X 607.1mm)
WEIGHT	20.5lbs (9.3kg)
CONSTRUCTION	18 Gauge Cold Rolled Steel (Clear plated)
POWDERCOATING	Black per MIL-PRF-24712, Type IV, Class 3, Cardinal C214-BK110 polyester semi-gloss, fine texture
PLATING	Chem-Film per MIL-C-5541F, Class 1A
MOUNTING OPTIONS	Minimum 22", maximum 24" rack post to rack post. With KVM - Minimum 24", maximum 28" rack post to rack post



KEYBOARD OPTIONS

WITH TOUCHPAD

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

WITH TRACKBALL

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

Who We Are

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

Using COTS components, CP Systems 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.

CP Systems is an ITAR Registered and ISO 9001:2015 Certified business that has been operating for over twenty years.

Assembled in the USA
ISO 9001:2015 Certified
ITAR Registered

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ADDITIONAL SPECIFICATIONS

SCREEN DIAGONAL	17" or 19"
CONTRAST RATIO	1000:1
VIEWING ANGLE	80° (L/R/U/D)
RESPONSE TIME	30ms (17") 5ms (19")
NATIVE RESOLUTION	1280 x 1024
BRIGHTNESS	350 cd/m2
BACKLIGHT	LED
COLORS	16.7M
POWER INPUT	AC input 85 to 264VAC,
POWER DISSIPATION	42 Watts
SUPPORTED RESOLUTIONS	VGA (640 x 480) SVGA (800 x 600) XGA (1024 x 768) SXGA (1280 x 1024)
STANDARD INPUTS	VGA DVI-D Front USB 3.0 Pass Through
OPTIONAL INPUTS	HDMI PAL/NTSC/SECAM HD-SDI - SMPTE259M, 4.2.2 3G HD-SDI 424M 4.4.4 Composite HD Component YPbPr SD Component YCbCr
FEATURES	Image Up-Scaling Sync on Green/Composite DV RS-232 Serial Protocol

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 PS/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

QUESTIONS?

Reach out to us at
CP-Systems.Tech
or call 858.571.4330

ENGINEERED TO YOUR SPECIFICATIONS

- In-house engineering department
- Design and build of rapid prototypes. Experience with solving difficult customer application problems through knowledge of the industry and custom system design and manufacturing capability
- Our Engineers use Solid Works 3D CAD modeling software for mechanical design and thermal simulation
- Design experience with MIL-STD-167, MIL-STD-461, MIL-STD-810, and MIL-DTL-901, in addition to FCC, UL, CE, and country specific agency requirements

FACILITY AND TEST

- All integration work is performed in a state-of-the-art, ESD-controlled facility
- Our facility has 23,000 sqft and has dedicated 12,000 sqft to manufacturing and 3,000 sqft to engineering
- Operate to anti-static standard ANSI/ESD S20.20-2007 and electronics assembly standard IPC-A-610, Revision E-2010

REVISION CONTROL & CONFIGURATION MANAGEMENT

- Our Program Managers will assure your products are revision controlled for the life of the program
- Configuration Management to assure TAA Compliance and system compatibility
- One part number for life of the program
- Counterfeit and obsolescence management

QUALITY COUNTS

- ISO 9001:2015 Certified
- 100% system inspection before shipment
- All integrated systems undergo a minimum 24-hour system test and burn-in before shipment to the customer
- Assistance with 3rd party verification of system specifications
- 5-year warranty on all servers and 3-year warranty on LCD monitor products
- TAA compliant
- Built in the USA