CPC

1U RACKMOUNT DISPLAY KEYBOARD

North America

Our CPC Displays are high performance 1U rackmount clamshell LCD drawers with keyboards offering 19" displays for commerical applications. Each component is selected for its performance and revision control.

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 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

Who We Are

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

Using COTS components, CP North America 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 North America 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

CP North America
2620 Deep Well Ranch Rd
Prescott, AZ 86301
cpna.tech
928.239.9500

TECH SPECS

MONITOR SPECIFICATIONS

SCREEN DIAGONAL	19"
CONTRAST RATIO	1000:1
VIEWING ANGLE	80° (L/R/U/D)
RESPONSE TIME	5ms (19")
NATIVE RESOLUTION	1280 x 1024
BRIGHTNESS	350 cd/m^2
BACKLIGHT	LED
COLORS	16.7M
POWER INPUT	AC input 85 to 264VAC,
POWER DISSIPATION	42 Watts

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

CHASSIS SPECIFICATIONS

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)
SHIPPING 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

QUESTIONS?
Reach out to us at
cpna.tech
or call 928.239.9500

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-S-901, in addition to FCC, UL, CE, and country specific agency requirements

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

FACILITY AND TEST

• All integration work is performed in a state-of-the-art, ESD-controlled facility
• Our facility has 50,000 sqft and has dedicated areas for manufacturing and engineering
• Operate to anti-static standard ANSI/ESD S20.20-2007 and electronics assembly standard IPC-A-610, Revision E-2010

QUALITY COUNTS

• ISO 9001:2015 Certified
• 100% system inspection before shipment
• All integrated systems undergo a rigorous system test and burn-in before shipment to the customer
• 5-year warranty on all servers and 3-year warranty on LCD monitor products
• TAA compliant
• Built in the USA

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