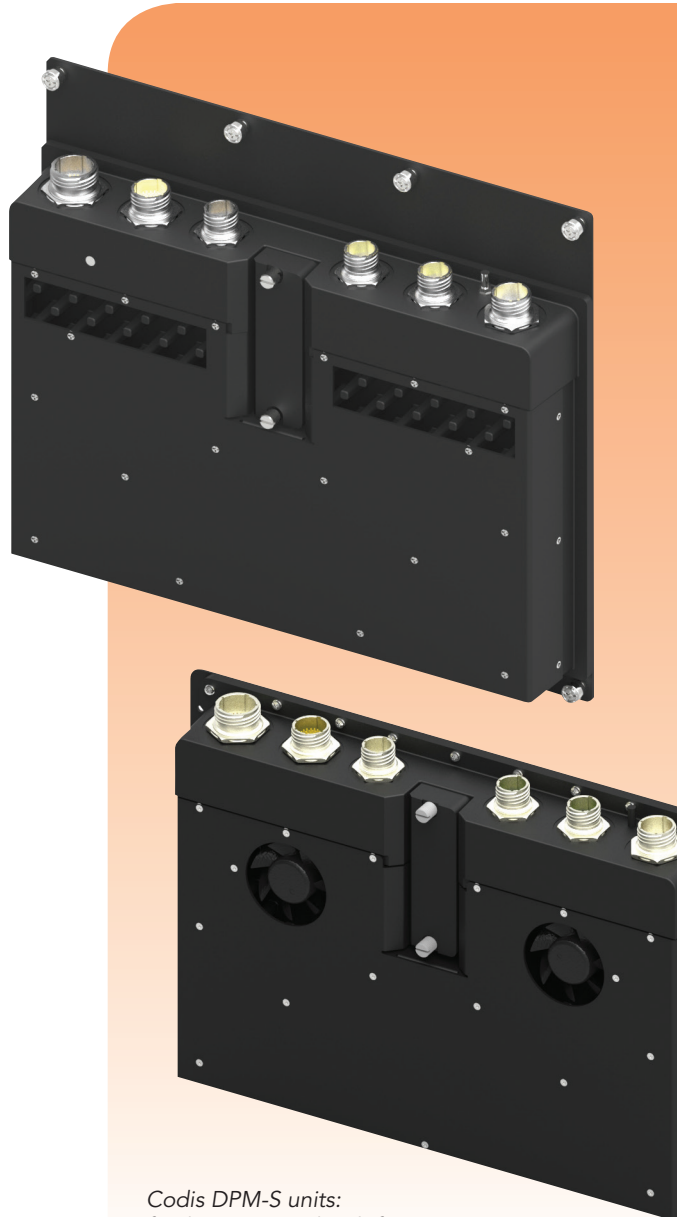


Codis DPM-S Display Processing Module

Rugged, expandable graphics processor
for shelter environments

Powerful processing and open architecture in a compact package deliver high performance for C4ISR applications



Codis DPM-S units:
fan-less (top) and with fan.

The Codis DPM-S display processing module from Esterline delivers the latest in industrial-workstation-class PCIe graphics and Intel® Mobile Core™ computing performance, all packaged in a compact and sealed enclosure. Its built-in rugged computer is qualified for use in harsh operating conditions.

Hardware-Accelerated Streaming and 3D Imaging

Networked video streaming and processing, such as image fusion, are enabled through GPU hardware acceleration for real-time situational awareness and enhanced decision making.

Designed for Integration

Multiple expansion slots allow customization of the platform interfaces, making the Codis DPM-S unit configurable for applications from thin client up to fully functional workstations.

Codis DPM-S Display Processing Module

Specifications

CPU	Intel® Core™ i7-4700EQ, 4x 2.4 GHz	Option slots	1x PEG16 (MXM or PCIe) 1x XMC or M.2 mini PCIe 4x mini PCIe 1x M.2 mini SATA
RAM	Up to 16 GB DDR3 SODIMM	Operating system	CentOS 6.x (64-bit)
GPU	Intel® HD Graphics 4600	Power supply	28 VDC nominal
Standard I/O	2x Intel PRO1000 Gigabit Ethernet port 4x USB 2.0 4x isolated serial lines (RS-232/RS-422/485) 2x isolated CAN bus, J1939 and CAN 2.0B compliant HD audio in/out/mic/PTT 4x isolated video inputs RS-170, PAL/NTSC 2x DVI-D (dual link)	Power consumption	62 W nominal
		Environmental	MIL-STD-810G Operating temperature: -30° to +55° C (+71° C with fans) Storage temperature: -40° to +71° C Humidity: 95 percent, 60° C Altitude: 35,000 feet operating, 40,000 feet non-operating Salt fog: 48 hours, 5-percent concentration Sand and dust: blowing sand/dust Ingress protection: IP 65 Vibration: trailer and composite-wheeled vehicles Shock: 40 g, 23 ms (6 shocks/axis)
		EMI / EMC	MIL-STD-461F Ground army

For more information about
Codis DPM-S modules, email
sales.defense@esterline.com.

Esterline
3059 Premiere Parkway
Duluth, GA 30097-4905
Tel: 678-475-8080
www.esterline.com

Esterline
Control &
Communication Systems

Approved for public release; distribution is unlimited.

© 2015 Esterline Technologies Corporation. "Codis" is a trademark of Esterline Technologies Corporation.