

RUGGED 3750-X

CISCO ROUTER



ABOUT CORE SYSTEMS

Core Systems is a premier manufacturer of best-in-class rugged computers and rugged displays. We design and manufacture all of our products in Poway, California. Our 60,000+ square foot facility features on-site engineering, metal fabrication, and system assembly along with a complete MIL-Spec testing Lab. Core Systems is one of the only vertically integrated rugged computer manufacturers in the nation. Our diverse family of rugged products are deployed in ground vehicles, aircraft, and maritime installations worldwide.

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SWaP-OPTIMIZED DESIGN

The rugged Core Systems 3750-X Cisco Integrated Services Router (ISR) has been carefully redesigned and repackaged using aluminum over steel to reduce the chassis depth and to lighten overall system weight.



DESIGNED FOR THE MILITARY

The 3750-X has been tested for military standards at our Environmental Test Lab.

PLATFORM ARCHITECTURE & MODULARITY

The 3750-X is architected to meet the application demands of branch offices.

CUSTOM BUILT

Our engineering team can produce concept drawings in a matter of days.

TECHNICAL SPECIFICATIONS

Environmental Specifications:	Operational Temperature Range: MIL-STD-810F/G, Method 501.5, Procedures I/II; -10C to +50C with solid state drives Storage: MIL-STD-810F/G, Method 501.5, Procedures I/II; -40C to +75C Humidity: MIL-STD-810F/G, Method 507.4; 48 hour, 95% RH 40-65C with humidity option Altitude: MIL-STD-810F/G, Method 500.4; 12,500ft operation with 40,000ft transport Vibration: MIL-STD-810F/G, Method 514.6 Procedure I; 4.43 GRMS, 5-20000Hzz, 60min/axis with solid state drives Shock: MIL-STD-810F/G, Method 516.6, Procedures I/IV; 20g, 11msec functional shock; 40g 11msec crash hazard shock Other: MIL-STD-461F/G CE102 & RE102; Meets using CORESYSTEMS optional 461 EMI Kit
Mechanical:	Height - 1.75 in (4.45 cm), Width - 17.50 in (44.45 cm), Depth - 16.21 in (41.17 cm), Weight - 11.4 lbs (5.17 kg)
Packets per second (MPPS):	101.2
Power Consumption:	Measured 100% Throughput without PoE loads: 1 Gps uplink module 133.9; 1 Gbps uplink module 87.1
AC/DC Support:	AC and DC

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