

MSP8040
MODULAR
SERVER SERIES

**MIX AND MATCH
HARDWARE**
TECHNOLOGIES FOR
THE INTELLIGENT EDGE

**INTEL
XEON D-1500
PROCESSORS**

**INCORPORATE
FPGA, STORAGE,
SDI VIDEO, GPU
COMPOSABLE ELEMENTS**

**EASILY DEPLOY
AI, DEEP LEARNING,
BLOCKCHAIN SERVICES**



MSP8040 MODULAR SERVER WITH PCIe EXPANSION SLOT

- ▶ BEST IN CLASS PERFORMANCE PER WATT
- ▶ PCIe EXPANSION SLOT TO INCORPORATE MOST HHHL COMPOSABLE ELEMENTS INCLUDING FPGA, STORAGE, SDI VIDEO AND GPU MODULES
- ▶ ENABLE THE DEPLOYMENT OF APPLICATIONS AT THE INTELLIGENT EDGE

POSSIBILITIES START HERE





The MSP8040 Series is a key modular server within an MS29xx Series platform that enables the mixing and matching of various hardware technologies, required for intelligent edge computing services.

Kontron and Intel have designed the optimal solution that supports the deployment of applications at the intelligent edge.

MODULAR SERVERS THAT ENABLE AND FACILITATE THE DEPLOYMENT OF APPLICATIONS AT THE INTELLIGENT EDGE

PRODUCT FEATURES

Processor	MSP8040: Xeon D-1527, 4 Cores @ 2.2 Ghz MSP8041: Xeon D-1548, 8 Cores @ 2.0 Ghz MSP8042: Xeon D-1577, 16 Cores @ 1.3 Ghz MSP8043: Xeon D-1559, 12 Cores @ 1.5 Ghz
Memory	4x DDR4 DIMM sockets, 2 channels @ 2.4 Ghz Total 128GB using 32GB VLP RDIMMs
Storage	Single M.2 for up to 240GB, more via expansion options
I/O	Two 1 Gbps Ethernet (Control plane) Two 10 Gigabit Ethernet Fabric Interface (Data Plane)
Expansion Options	Dual 15mm 2.5" SATA HDD or 2.5" SATA SSD *Support for standard HHHL PCIe x16 card
System Management	IPMI v2.0, Extensive sensors monitoring and event generation on thresholds. IPMI over LAN
Power	Approx. 125W 12V
Support	Managed Life Support (5-7 years)
Availability	Status: Full Production Leadtime, forecasted or samples: 2 – 4 weeks.



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CORPORATE OFFICES

KONTRON CANADA

4555 Ambrose-LaFortune
Boisbriand, QC
Canada J7H 0A4
Tel.: +1 450 437-5682
Tel: +1 800-387-4223

EUROPE, MIDDLE EAST & AFRICA

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany
Tel.: +49 821 4086-0
Fax: +49 821 4086-111
info@kontron.com

NORTH AMERICA

9477 Waples Street
San Diego, CA 92121
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

ASIA PACIFIC

1-2F, 10 Building, No. 8 Liangshuihe 2nd Street,
Economic & Technological Development Zone,
Beijing, 100176, P.R. China
Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn