

MVP-6100-MXM Series

Value Family 9th Gen Intel® Xeon®/Core™ i7/i5/i3® Processor-Based
Expandable GPU Workstation Platforms

Features

- 9th Gen Intel® Xeon®/Core™ i7/i5/i3 LGA processor
- Dual SODIMMs sockets for up to 32GB DDR4 non-ECC/ECC
- Abundant I/O:
 - Up to 4x additional DP 1.4 from MXM
 - 2x DP++, DVI, VGA, 3x GbE, 3x COM, TPM2.0
 - 2x USB 3.1 Gen 2, 1x USB 3.1 Gen 1, 3x USB 2.0
- Rich storage options: up to 4x 2.5" SATA, M.2 2280
- Front accessible I/O and adaptive Function Module 2.0 options
- Flexible functionality expansion:
 - Expansion slots for standard PCIe and PCI card
 - Embedded slots for Mini PCIe, M.2 3042, 2x USIM
- World leading embedded GP/GPU computing options built-in



Software Support

- Windows 10 IoT Enterprise CBB/LTSP 64-bit
- Linux Ubuntu 18.04 LTS

Optional Accessories

- **Factory Installed 2.5" SSD/HDD/M.2 Storage**
- **Optional 2x 2.5" SATA Kit**
Includes cables and bracket
- **Wireless Mini PCIe/M.2 Module**
Wi-Fi/ BT/ 3G/ 4G LTE/ LoRa wireless kit (w/ antenna)
- **AC/DC Adapter**
220W (P/N: 31-62149-0000)
280W (P/N: 91-95263-0010)

Ordering Information

Model	CPU	Expansion Slots
MVP-612X-MXM-1E/M4G/[GPU]	Intel® Xeon® E-2278GE	1 PCIe x4
MVP-612A-MXM-1E/M4G/[GPU]	Intel® Core™ i7-9700E	1 PCIe x4
MVP-6121-MXM-1E/M4G/[GPU]	Intel® Core™ i7-9700TE	1 PCIe x4
MVP-6122-MXM-1E/M4G/[GPU]	Intel® Core™ i5-9500TE	1 PCIe x4
MVP-6123-MXM-1E/M4G/[GPU]	Intel® Core™ i3-9100TE	1 PCIe x4
MVP-614X-MXM-2E/M4G/[GPU]	Intel® Xeon® E-2278GE	2 PCIe x4, 1 PCI
MVP-614A-MXM-2E/M4G/[GPU]	Intel® Core™ i7-9700E	2 PCIe x4, 1 PCI
MVP-6141-MXM-2E/M4G/[GPU]	Intel® Core™ i7-9700TE	2 PCIe x4, 1 PCI
MVP-6142-MXM-2E/M4G/[GPU]	Intel® Core™ i5-9500TE	2 PCIe x4, 1 PCI
MVP-6143-MXM-2E/M4G/[GPU]	Intel® Core™ i3-9100TE	2 PCIe x4, 1 PCI

GPU Options

Model	GPU	Power	CUDA® Cores	Graphics Memory
EGX-MXM-P1000	NVIDIA® Quadro® Embedded P1000	47W	512	GDDR5 4GB
EGX-MXM-P2000	NVIDIA® Quadro® Embedded P2000	58W	768	GDDR5 4GB
EGX-MXM-P3000	NVIDIA® Quadro® Embedded P3000	75W	1280	GDDR5 6GB
EGX-MXM-P5000	NVIDIA® Quadro® Embedded P5000	100W	2048	GDDR5 16GB

