



CMP724-GTX1050 is sealed fanless rugged system incorporating NVIDIA GTX1050 GPU with dedicated 4GB GDDR5 RAM. Delivered with AC or MIL-STD-1275E compliant DC options or TEMPEST certified AC/DC power adapter. The unit provides power input parameters and internal temperatures in terms of Built-In-Test results.

Specifications:	
CPU	Config-1: Intel Core i7-6700TE, 4 Core, 8 MB SmartCache, 2.40 GHz(Maks 3.40 GHz) Config-2: Intel Xeon E3-1268L v5, 4 Core, 8 MB SmartCache, 2.40 GHz(Maks 3.40 GHz)
Chipset	C236
Graphics	NVIDIA GeForce GTX1050 4GB GDDR5 640 Cuda Cores Intel HD Graphics 630
Memory	32GB DDR4 2400 Mhz ECC/Non-ECC Optional: 64 GB
Network	2x Gigabit LAN
Storage	Up to 2x4TB SSD with Zeroize and RAID 0,1 Support
Video Outputs	4x DisplayPort (7680 x 3840 @ 60Hz)
Serial	8x Isolated RS232/422/485 (Up to 14x)
USB	2x USB 3.0 and 4x USB 2.0
GPIO	16x Isolated DI & 16x Isolated DO Optional: Additional Programmable 32 Digital Input & Output
Audio	1x Mic & 1x LineOut
CANBUS	Configuration-1: 2x Channel Isolated CANbus 2.0B/2.0A/J1939 Configuration-2: 4x Channel Isolated CANbus 2.0B/2.0A/J1939
Built-In-Test	Input voltage (Including over voltage conditions in range of 7V ~ 40V) Short Circuit, Over Voltage, Overload, Bad Grid, Near Temperature, Reverse Voltage, Temperature of the system, Thermal Shutdown Situation

Power Input	Option-1: 9~36V DC, MIL-STD-1275E, Configurable Thermal Shutdown Option-2: 18~36V DC, MIL-STD-704F, 100ms Hold Up Time, Conf. Thermal Shutdown Option-3: TEMPEST certified AC/DC External Adapter, Configurable Thermal Shutdown
Watchdog Timer	1 to 255
Operating System	Windows 10, Windows 8, Linux (Centos 6.9, Centos 7.x, Ubuntu 18)
Cooling	Fanless
Misc. (Optional)	WIFI, 3G, 4G, Bluetooth, GNSS(GPS, GLONASS, Compass, Galileo)
Weight	12 kg
Dimensions (WxHxD)	412x401x97 mm

### Environmental(Designed to meet):

Operating Temp	-40°C ~ 50°C (MIL-STD-810G)
Storage Temp	-40°C ~ 80°C (MIL-STD-810G)
Shock	MIL-STD-810G Method 516.6 Procedure 1
Vibration	MIL-STD-810G Method 514.6 Procedure 1 and 3
Humidity	MIL-STD-810G Method 507.5
Sand & Dust	MIL-STD-810G Method 510.5
EMI/EMC	MIL-STD-461G (RE102, RS103, CE102, CS101, CS114, CS115, CS116)
Ingress Protection	IP66

### ORDERING INFORMATION:

CMP724-GTX1050-6700TE	6th Gen (14nm) Intel® Quad Core™ i7-6700TE (8M Cache, up to 3.4 GHz)
CMP724-GTX1050-1268LV5	Intel® Xeon® Quad Core E3-1268L v5 (8M Cache, up to 3.4 GHz)
CMP724-GTX1050-7700T	7th Gen (14nm) Intel® Quad Core™ i7-7700T (8M Cache, up to 3.8 GHz)