



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 and 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
OS	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	9 kg

### 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)