



### Features

- Offering powerful GPU solution with nVIDIA 250W, 2-slot width/285mm length GPU cards for new AI application
- Dual 24V<sub>DC</sub> power inputs with reliable power and OCP solution for up to 600W maximum peak power currency
- Intelligent power status indicating LED for system and GPU card independently
- Versatile wall-mount, table-mount, suitable for any industrial environment deployed
- Dual front accessible storage bay for easy swap
- Up to 40°C op. temp., 0.5 Grms op. vibration
- IP30 rating with fan filter, suitable for outdoor or industrial environment
- Compact size design

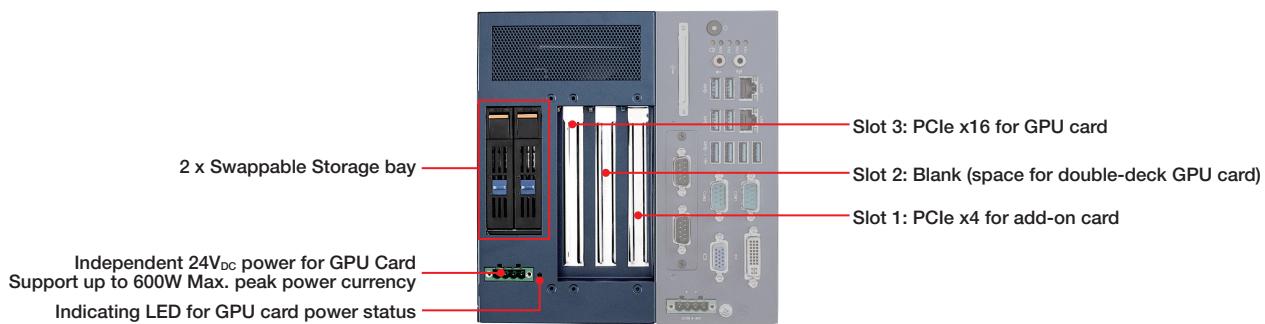
### Introduction

MIC-75G20 supports nVIDIA double-deck high performance 250W GPU cards. Robust power design ensures system and GPU card's reliability under high power consumption scenario.

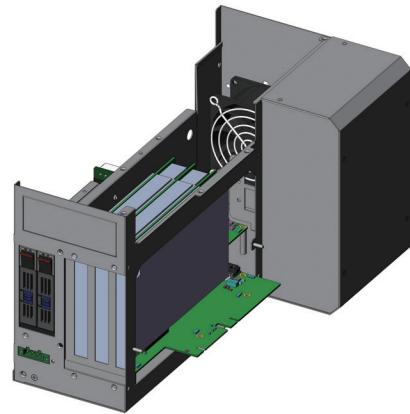
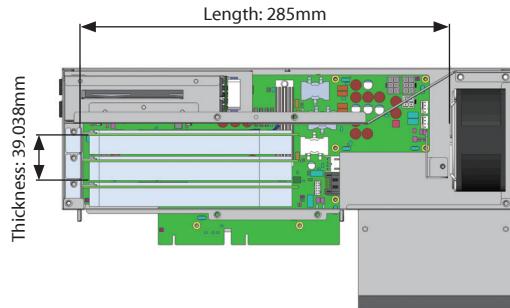
### Specification

Expansion slot	Slot 1: PCIe x4, Slot 2: blank, Slot 3: PCIe x16
SATA Connector	1 x SATA Signal, 1 x SATA Power
Storage	2 x 2.5" swappable storage bay
Power	<p>Input: Dual 24 V<sub>DC</sub> (one on MIC-7000 system, one on MIC-75G20)</p> <p>Power consumption: Typical: 334.63W (Tested with GTX-1080Ti with MIC-7700Q)</p> <p>Power solution supports up to maximum 600W (Tested with GTX-1080Ti's peak power consumption)</p> <p>2 x 6-pin Conn. for GPU card (12V<sub>DC</sub>, 17A for each Conn.)</p> <p>1 x 4-pin Conn. for add-on card (12V<sub>DC</sub>, 5A)</p>
GPU Card Dimension	Thickness: 39.038mm (standard 2-slot), Length: 285mm
LED	1x indicating LED of MIC-75G20 power status
Environment	<p>Operating Temp.: 0~40 °C (35W CPU w/ industrial SSD)</p> <p>Vibration: With SSD: 0.5 Grms @ 5~500 Hz, random, 1 hr/axis</p> <p>Shock: With SSD: 10G, IEC-68-2-27, half-sine wave, 11 ms duration</p>
Mechanical	<p>MIC-75G20 N.W: 2.99 kg; G.W.: 4.79 kg</p> <p>Dimension (W x H x D): 110 x 192 x 350 mm</p>
Fan	1x 8025 cooling fan embedded (4500RPM, 57CFM)

### Front View



## GPU Card Dimension Guide



## Ordering Information

Part Number	Description
MIC-75G20-00A1	GPU card expansion i-Module with 1 PCIe x16, 1 PCIe x4, 2x 2.5" swappable storage bay

## Packing List

Part Number	Description	Quantity
1652003234	4-pin phoenix connector	2
1700017838	SATA cable (30cm)	1
1700020978-01	SATA cable (40cm)	1
1700024985-01	HDD BP power cable	1
1700023022-01	GPU power cable (6 to 6/8 Pin)	2
1960070543T001	Mounting bracket (I-type)	1
1960070545N001	Mounting bracket (C-type)	1
1930007259-01	Screw for mounting bracket	4
20415G2000	MIC-75G20 Start-up manual	1

## Optional Accessories

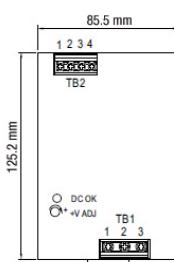
Part Number	Description
96PSD-A480W24-MN*	480W PSU
1700029474-01	PSU Y-type cable (1.5M)
1700029720-01	PSU power cord (USA) UL/CSA (1.83M)
1700022074-11	4-pin 12V <sub>DC</sub> power cable (40cm)
96VG-NR2070F16-6D	LEADTEK RTX2070 8G HDMI+3*DP+DVI-D
96VG-NR2080F16-6M	LEADTEK RTX2080 8G HDMI+3*DP+USB-C

\* Recommend to use for powering MIC-75G20 + MIC-7000.

## Power Supply Cabling Guide



### PSU pin-out



### TB2 pin-out (for Y-type cable)

Pin No.	Assignment
1, 2	DC OUTPUT +V
3, 4	DC OUTPUT -V

### TB1 pin-out (for PSU power cord)

Pin No.	Assignment
1	FG
2	AC/N or DC-
3	AC/L or DC+

### Y type cable

Connect from PSU to the MIC-7000 and MIC-75G20 via optional PSU Y-cable with 2x 4-pin phoenix connector (1652003234)

## **Mounting Type and Dimensions**

(Example: MIC-7700 + MIC-75G20)

