



G101Q9-A 10.1" Qualcomm(R) 6490 Rugged Robotic Controller

Manufacturer part number: G101Q9-A | Ground Control Station



Explore Winmate G101Q9-A, an industrial computer solution featuring Qualcomm(R) 6490, 10.1-inch display with 1920x1200 resolution...

Display	
Size	10.1 inches
Resolution	1920x1200
Type	Projected Capacitive Multi Touch
Panel Brightness	800.0 nits
Contrast Ratio	800:1
View Angles	85,85,85,85
Bonding	Optical Bonding for Sunlight Viewability
Viewability	AG+AF touch treatment
System Specification	
Processor	Qualcomm(R) 6490 (Octa-Core 2.7GHz)
Memory	8 GB
Storage	128GB
Operating System	Android 13.0
WLAN	Support
BT	Support
WWAN	4G LTE (Optional), 5G (Optional)
GNSS	GPS/GLONASS
Sensors	Light Sensor
Mechanical	
Dimension	317.75 x 188.87 x 35.8 mm
Weight	1.4kg
Cooling System	Fanless Design
IO Ports	
USB Port	1 x USB 2.0 (Type-A), 1 x USB 3.0 (Type C)
LAN	1 x M10 LAN Connector (Mutually exclusive with RF Module)
Video	1 x micro HDMI output(Optional)
Audio	2x Speaker

Environment	
Operating Humidity	10% to 90% RH, non-condensing
Operating Temperature	-20 deg C to 60 deg C (AC mode), -10 deg C to 50 deg C (Battery mode)
Storage Temperature	-30 deg C to 70 deg C (-22 deg F to 158 deg F)
Shock	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I
IP rating	IP65
Certification	
Certification	CE, FCC
Control	
Button	2 x Toggle Switches (2- or 3-position; maintained, momentary, and locking options available), 2 x Hall-effect Joysticks (Full self-centering; optional non-centering throttle axis), 7 x Momentary Push Buttons (optional 8 x buttons), 2 x Hall-effect Roller Switches
Power	
Battery	10.9 V, typ. 6700 mAh Li-Ion Removable Battery (3S2P)
Battery Operating Time	Standard Battery : 10.5hrs
Power Rating	19V DC
Adapter	100-240V, 50-60Hz / 19V DC
Accessory	
Accessory	1 x Adapter 120W, 1 x M10 Push-pull Power Cable, DC Plug Type, 1 x M10 Push-pull LAN, 1 x Power Cord
Optional Accessory	Microhard pMDDL2450 (Mutually exclusive with LAN)