

7-inch Windows 11 industrial panel pc HMI IP65 waterproof high brightness touchscreen display GK-N703WIN Datasheet



- Fanless design and compact solution
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- Intel® Bay Trail Quad Core J1900 2.0GHz CPU 8GB RAM/120GB storage
- Resolution 800×480 1000 nits
- Capacitive touchscreen
- IP65 Stainless Steel or optional Aluminum Chassis
- Seamless flat-bezel design
- Dual LAN port, RS232/485 & USB support
- VESA mounting or panel mounting options.

This 7" front waterproof IP65 rated all-in-one fanless Windows OS industrial touch panel PC is designed for use in industrial floors and other factory environments prone to dust and water. The panel pc adopts full aluminum alloy structure, fanless and fully enclosed design, with low power consumption and compact shape. The unit is ideal for a variety of applications such as interactive kiosks and information display systems, control systems, building automation, HVAC control, facility management and other fields.

The GK-N703WIN 7-inch Windows 11 Industrial Panel PC HMI features a front waterproof IP65 rated panel with all-in-one fanless design and high brightness display. The Windows Industrial panel pc is designed for use in industrial floors and other factory environments prone to dust and water. The unit is ideal for a variety of applications such as interactive kiosks and information display systems, control systems, building automation, HVAC control, facility management and other fields.

Specifications:

CPU	Intel® J1900 2.0GHz Quad Core Processor
Memory	DDR3 8GB
Power Supply	DC in 12V external power adapter
I/O Ports (Default)	2 x GLAN COM1 (DB-9) Supports RS232 COM2 (DB-9) supports RS485/RS232 USB 2.0 Host x 1, USB 3.0 x 2 HDMI Out x 1 1080p 60Hz VGA x 1 1080p 60 Hz
Storage	120 GB SSD optional up to 1TB
Operation Temperature	-10°C ~ 70°C
Storage Temperature	-30°C ~ 85°C
Relative Humidity	20% ~ 90% non-condensing
OS Support	Windows 11 Pro
Installation	Panel mounting, clips, VESA mounting 75×75
Size / Aspect Ratio	7.1" TFT (4:3) or 16:9
Back Light	LED
Resolution	800 x 480
Colors	16.2 M
Luminance (cd/m2)	1000 nits
Contrast Ratio	1200:1
Viewing Angle (H/V°)	176/176
MTBF (hrs)	50,000
Touch Screen	4 point capacitive touch panel (enhanced to work with gloves)
Dimension (W x H x D, mm)	210x 131 x 48
Weight (kg)	2.1 lbs.