

IT7000 - High Performance HMI

High-end functionality and connectivity;
easy integration with any machine control system

- 7", 10" & 15" display sizes
- IP65 rating (front side)
- Built-in Ethernet and serial ports



The IT7000 – flexible human machine interface



Functionality

- Supports **VNC** remote access through mobile devices
- Trend chart & oscilloscope for continuous wave sampling
- **Multi-language** capability



Programming

- User friendly InoTouchPad PC configuration software (Windows 10 compatible)
- **Javascript** for creation of plug-ins and dedicated communication protocols, & access to external databases
- Canvas control for free graphic drawing



Graphical capabilities

- Up to 1,024 x 768 resolution (16 M colours)
- Customizable user interface (via CSS)



*Image shown is the 15" model



Data management

- USB & micro SD cards for easy data management
- **Real-time clock**
- Maintains comprehensive historical data records

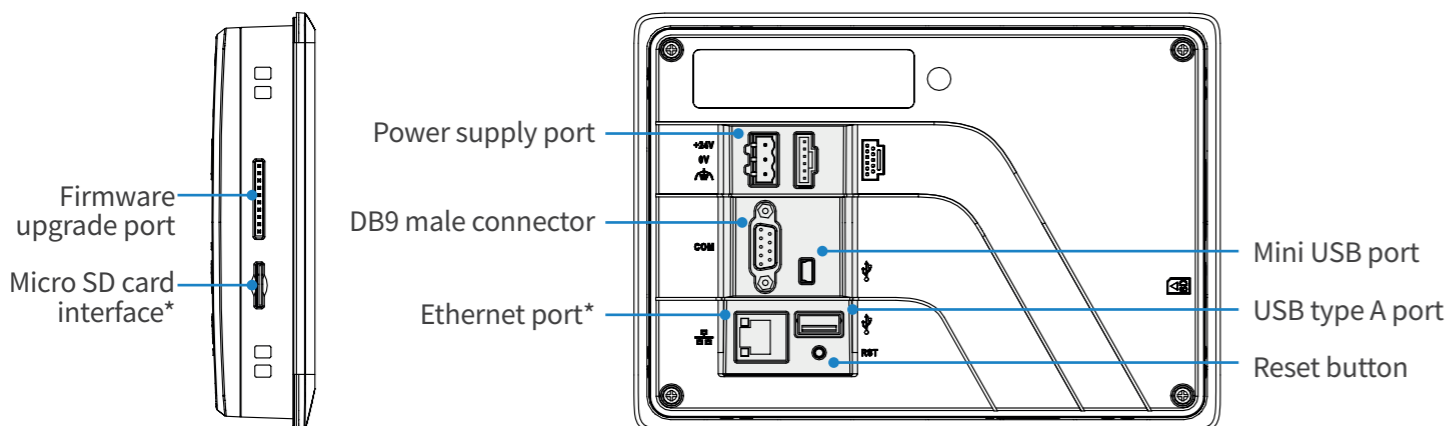


Flexible connectivity

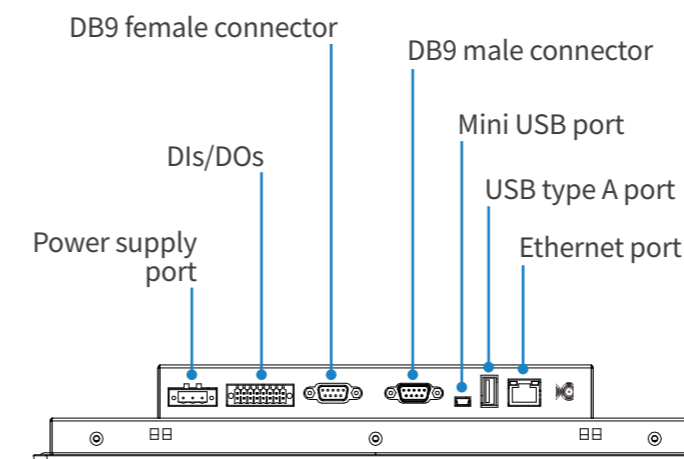
- Serial port and/or Ethernet stand-alone and multi-device networking
- Supports products from a wide range of 3rd party manufacturers
- Support for **OPC UA** and **Modbus RTU/TCP** protocols
- IIoT ready: **MQTT** implementation, seamlessly connects to any server



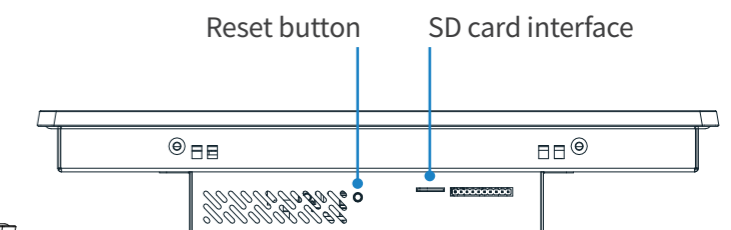
IT7070T, IT7070E & IT7100E terminals



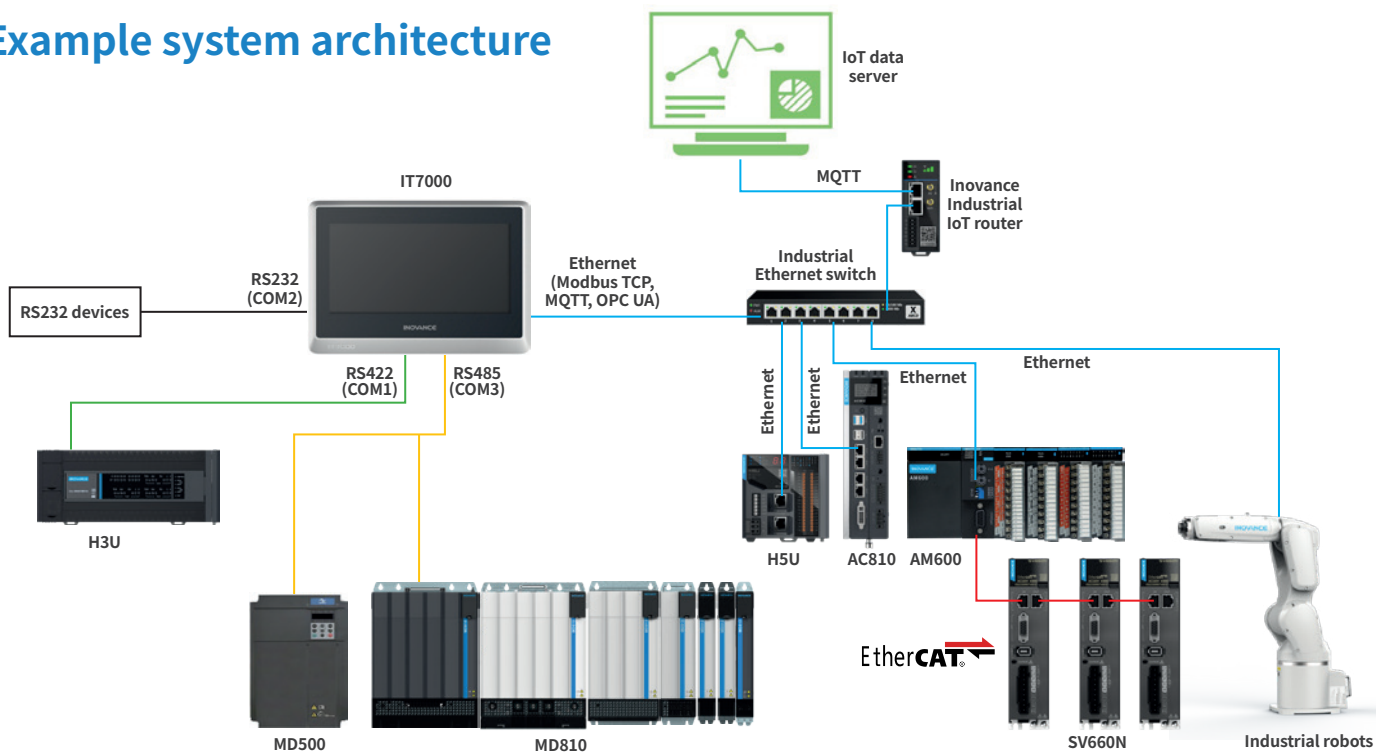
* Not available in IT7070T






IT7150E terminals



Example system architecture



Specifications

Model	IT7070T	IT7070E	IT7100E	IT7150E
				
Display size	7.0"	7.0"	10.1"	15.0"
Dimensions L x W x D (mm)	200 x 146 x 35	200 x 146 x 35	271 x 146 x 36	368 x 295 x 53
Resolution	800 x 400	800 x 480	1,024 x 600	1,024 x 768
CPU	Cortex A8 600 MHz	Cortex A8 600 MHz	Cortex A8 1 GHz	Cortex A8 1 GHz
RTC	✓	✓	✓	✓
DRAM	128 MB	128 MB	256 MB DDR3	256 MB DDR3
Flash	128 MB	128 MB	256 MB	256 MB
Brightness (cd/m ²)	350	350	350	300
Display colour	24-bit true colour			
Backlight	LED			
Backlight service life	35,000 hrs	35,000 hrs	30,000 hrs	50,000 hrs
SD card interface	x	✓	✓	✓
USB drive interface	USB 2.0 interface x 1			
USB download interface	Mini USB interface x 1			
Ethernet interface	x	✓	✓	✓
Serial port	COM1 (RS422/RS485) COM2 (RS232)	COM1 (RS422/RS485) COM2 (RS232) COM3 (RS485)		
Panel IP rating	Front panel IP65, back cover IP20			
Product code	01450030	01450039	01450036	01450028

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