

Technical data

		MES9016	MES9019	MES9024
Display	Resolution	15.6" TFTFull HD	18.5" TFTFull HD	23.8" TFTFull HD
	Brightness	450 Nits (typ.)	500 Nits (typ.)	250 Nits (typ.)
	Contrast ratio	800:1(typ.)	1000:1(typ.)	1000:1(typ.)
	Displayable colors	max. 16.2Mio.	max. 16.7Mio.	max. 16.7Mio.
Touch	PCAPmulti-touch (glove-operated)			
Housing	Die-cast aluminum housing, powder coated			
Cooling	Passive cooling, fanless			
Processor	Intel®Celeron®4305UE 2,0 GHz dual-core Intel®Core™i5-8365UE 1,6GHz quad-core			
RAM	Up to 32 GB DDR4 RAM			
Mass storage	1x 128 GB M.2 SSD 1x 256 GB M.2 SSD 2 x 128 GB M.2 SSD, configurable as RAID 2 x 256 GB M.2 SSD, configurable as RAID			
Interfaces	4 x USB 3.1Gen. 2 3 x Ethernet (10/100/1000Mbit/s) 1x DisplayPort++ (1.2) 1x Smartcard-Reader for ADS-TECBig-LinX			
Optional interfaces	1x Hilscher netJACK-Slot for fieldbusintegration1 1x HDBaseTinterface (transmitter) 1x USBin the front 1x integrated antenna for Wi-Fi-/Bluetooth module 1x integrated antenna in the front for RFIDmodule			
Button	1capacitive ON/OFFbutton on the front side			
Supply socket & digital I/Os	24 V DC version: 1x 5-pol. supply with 1x dig. IN / 1x dig. OUT 230 V AC version: 1x 2-pol. supply / 1x 2-pol. digital IN			
Power supply (integrated power adapter)	24 V DC +/- 20 % 230 V AC (incl. detachable 5 meter power supply cable with Schuko plug)			
Operating system	Windows 11IoT Enterprise 2024 LTSC Windows 10IoT Enterprise 2021LTSC IGEL Linux			
Fixing	VESA100sockets in back housing Optional: support arm adapter for mounting on the back housing			
Protection class	IP65 (front) IP65 (back side when using IP65 kit, which can be ordered separately, or when using the mounting arm adapter)			
Operating temperature	0 °C to +40 °C	0 °C to +40 °C	0 °C to +40 °C	
Dimensions in mm (W x H x D)	400 x 270 x 80 mm	465 x 310 x 80 mm	575 x 370 x 80 mm	
Weight (without supplies)	approx. 5,0 kg	approx. 6,0 kg	approx. 8,0 kg	

1 Profibus, CANopen, DeviceNET, CC-Link, EtherCAT, EtherNet/IP, Modbus, POWERLINK, PROFINET, VARAN, Sercos