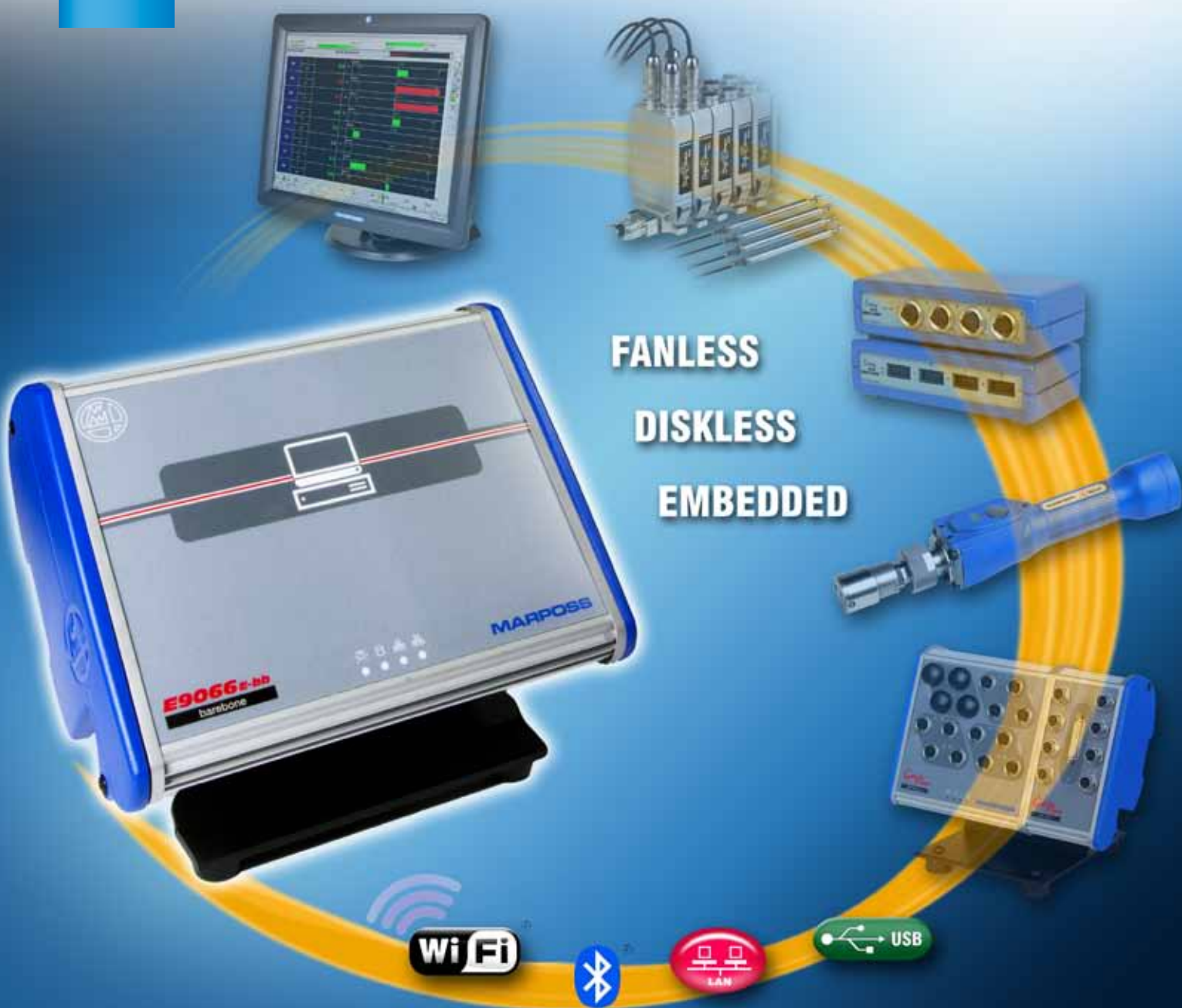# E9066Ebb

BAREBONE INDUSTRIAL PC

MARPOSS

FANLESS

DISKLESS

EMBEDDED

Wi Fi

USB

INNOVATION

Marposs Embedded Technology design provides:

- Maintenance free systems, eliminating wear & tear parts like fans or rotating media
- Higher reliability using industrial grade, low-power consumption components
- Compact design for efficient & cost-saving shop-floor deployment

INDUSTRIAL DESIGN

The E9066E-bb™ is a highly compact, totally fanless PC box, provided in a robust, shop-floor proof enclosure.

Based on an INTEL® quad-core 64-bit industrial-grade platform, it runs on Microsoft® Windows® 10-IoT and the Marposs Quick SPC™ Measurement, SPC and Quality Control software suite.
The system is particularly suitable for integration with the Marposs GagePod™ Distributed Data Acquisition modules, along with several other data acquisition systems as well.

Powerful, compact and versatile, it provides total flexibility of deployment and interfacing options, and is available in two standard versions:

- E9066E-bb 'barebone': a PC box, without display, connectable to any external DVI or VGA-compatible screen
- E9066E-L7: a PC box mounting a 7" wide, 15:9 trueflat touchscreen, for tightly integrated applications requiring localized visualization of measurement and statistical results. Any external DVI or VGA-compatible screen can be connected contemporarily as well.

RELIABILITY AND DEPLOYMENT

E9066E-bb is a virtually maintenance-free system, eliminating all wear & tear parts like fans or traditional hard disks.
Its compact design supplies an efficient and cost-saving deployment, integrating more easily in the design of benches & machines alike: mounting solutions include an integrated DIN-rail attachment or an optional benchmount stand.

E9066E-bb 'barebone'

E9066E-L7

Technology	
Processor	INTEL® J1900 quad-core 2.0GHZ 64-bit
RAM (min - max)	2GB - 8GB (1 x SODIMM DDR3 socket)
HDD/SSD interface	SATA 2 - SSD half-slim 128GB (min).
Operating System	Windows® 10-IoT enterprise
Connectivity	
Video	DVI-I (DVI-D + VGA) / 1920 x 1200
Ethernet ports	2 x Ethernet 10/100/1000Mbps / RJ45
USB ports	6 x 2.0
Serial port	1 x RS232 / DBSUB9
Power supply	18 - 36Vdc - autoranging / M12 connector
Options	
Integrated LCD display	7.0" Wide / true flat mount / Touch screen - 5 wire analog-resistive
Aspect ratio / Contrast ratio	15:9 / 400:1
Resolution / colors	WVGA 800 x 480 / 16M
Brightness / Backlight	500 cd/m² (500 nit) / LED
Mounting solutions	
DIN rail mount	integrated
Benchmount stand	option
Power supply	24Vdc AC/DC adapter (option)
Environmental	
Relative humidity	5 ÷ 80 % (non condensing)
Temperature (operating)	0 ÷ 50 °C (32 ÷ 122 °F)
Temperature (oper.) with LCD	0 ÷ 45 °C (32 ÷ 113 °F)