



COMMUNICATION MODULE ZMK3620PM4



Advanced communication device that fuses the functionality of a router and a controller in one unit. The device is fitted with a 6th gen Intel i7 processor and supports 4G/3G/2G mobile standards.

Mechanical properties

Dimensions	340 mm x 242 mm x 99,5 mm (± 1 mm)
Weight	5.7 kg (± 0,4 kg)
Working temperature	-25 °C to +55 °C (according to EN 50155, range T1)
Storage temperature	-40 °C to +85 °C
Relative humidity	10% - 90% (no condensation)
Housing color	Any color from the RAL palette
Level of security	IP40

Technical parameters

Processor	Intel Gen6 Core i7-6600U 2.6-3.4 GHz
RAM	SO-DIMM DDR4 16GB
OS Disk	128GB SSD
Supply voltage range	16 VDC - 140 VDC
Rated voltage	24-110 VDC
Energy consumption	max. 150 W
Connector	1 x M12 S-code
Antenna connectors	Do 15 x SMA (14 x SMA GSM+ 1 x SMA GPS)*
SIM slot	14 x micro SIM (expandable to 21 SIM) * Optional: additional 2 x standard SIM (slots inactive by default)
Mobile network	4G - LTE B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B7 (2600), B12 (700ac), B13 (700c), B20 (8000D), B5 (850), B25 (1900), B26 (850), B29 (700), B41 (TDD2500), B30 (WCS) 3G-DC-HSPA + / UMTS B1 (2100), B2 (1900), B3 (1800), B4 (1700), B5 (850), B8 (900) 2G- GSM / GPRS / EDGE n.a. LTE Cat Category 6 2 x 2 MIMO antenna ports Data transfer speed lower / upper (max) 300 Mbps / 50 Mbps
GNSS	GNSS navigation system using BeiDou, Galileo, GLONASS, GPS / QZSS, Data server with JSON or NMEA data stream, Tracking sensitivity -167 dBm, Support for passive and active antennas

Standards	PN-EN 50155:2018-01, PN-EN 45545-2:2021, HL1, HL2, HL3, PN-EN 50121-3-2:2017, PN-EN 61373:2011
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* depending on the version of the device