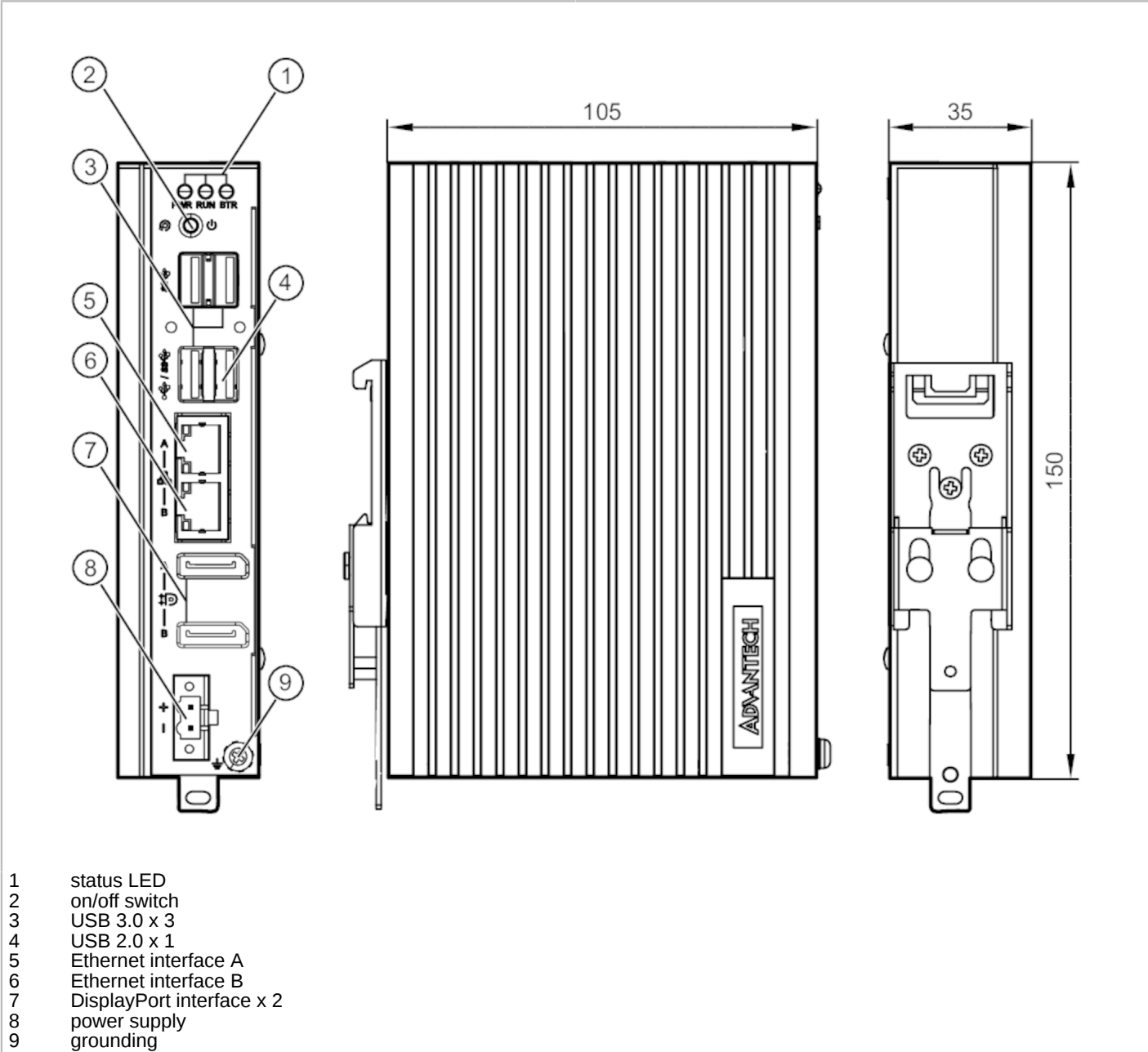# QHA210

Hardware for operating moneo in the production environment

moneo appliance QHA210

licences required for the operation of moneo products have to be ordered separately

1	status LED
2	on/off switch
3	USB 3.0 x 3
4	USB 2.0 x 1
5	Ethernet interface A
6	Ethernet interface B
7	DisplayPort interface x 2
8	power supply
9	grounding

Application

Application	IT hardware for operation of moneo
	providing memory capacity and processing power
	moneo software preinstalled
	Easy set-up without requiring special IT knowledge
Content description	including appliance management system (AMS) for configuration and maintenance
Compatibility	can be used independent of IT infrastructure
	can be integrated in IT network structure at any time
Connectivity	interfaces for sensor and IT network
Maintenance and support	integrated update, back-up and support functions via Appliance Management System

Electrical data

Operating voltage	[V]	10...36 DC

QHA210

Hardware for operating moneo in the production environment

moneo appliance QHA210

Power consumption	[W]	21; (maximum: 47)

Outputs

Number of video outputs	2; (DisplayPort)

Software / programming

Included licences	appliance management system (AMS)
Note on licence	hardware bound; licences required for the operation of moneo products have to be ordered separately
Operating system	Debian Linux 11

AMS

Language	German; English; French; Italian; Spanish; Portuguese; Chinese; Japanese; Korean

AMS console

Language	English

System requirements

Web browser	Google Chrome; Mozilla Firefox; (supported versions: see current release notes)

Interfaces

Communication interface	Ethernet; USB
Number of Ethernet interfaces	2; (GBit)
Number of USB interfaces	4; (3 x USB 3.0; 1 x USB 2.0 Type A)

Operating conditions

Ambient temperature	[°C]	0...70
Storage temperature	[°C]	-20...60
Max. relative air humidity	[%]	95; (40 °C non condensing)
Protection		IP 40

Tests / approvals

Shock resistance	IEC60068-2-27	50 g 11 ms
Vibration resistance	IEC 60068-2-6	4 Grms / 10...500 Hz

Mechanical data

Weight	[g]	1269.2
Dimensions	[mm]	35 x 105 x 150

Hardware

Processor	Intel Atom E3940 Quad Core
TPM chip	V 2.0
BIOS	AMI UEFI (128 Mbit)
RAM	8 GB
Mass storage	256 GB SSD

Remarks

Notes	licences required for the operation of moneo products have to be ordered separately
Pack quantity	1 pcs.