

SEMI INDUSTRIAL
COMPUTING



OFFICE / WORKSTATION



SIGNAGE



Fanless BM0100



- Intel N100 Quad Core 6Watt - CPU
- 1.6L compact and flat design
- Noiseless / fanless



Fanless BM0100 is a cost-effective low-power computer featuring a rich setting of both - modern and legacy IOs.

IPC
FANLESS BM0100

PN: TBD

Issued: 08/25
Status: released

Factsheet

Physical properties

Chassis	Full-metal aluminium construction, natural anodized
Dimensions	196x180x47 mm (WxDxH)
Cooling	fanless
Mounting options*	Mounting threads on the bottom, VESA bracket
Weight	1.5 kg

Hardware

Formfactor / Mainboard	Mini-ITX / Asus Prime N100I-D D4
CPU	Intel N100
RAM	4, 8, 16 GB DDR4
Storage	1x 250GB – 2TB m.2
Graphics	Intel HD, 1x HDMI 2.1, 1x Displayport 1.4 (2x 4k@60Hz)

Communication

WLAN*	802.11 b/g/n/ac + Bluetooth
LTE*	-
Others	-

I/O

I/O front	2x USB 2.0
I/O back	1x PS/2, 2x USB 3.2gen2, 2x USB 3.2gen 1, 2x USB 2.0, 1x RJ GLAN, 1x HDMI, 1x DP, 1x VGA, 3x Audio, 1x RS232
I/O internal**	2x USB 2.0, 2x USB 3.2 gen1, 1 RS232, 1x SATA, 1x m.2 key E, 1x m.2 key M, 1x LPI, 1x Frontpanel Header, 1x system panel header, 1x SPDIF

Power supply

PSU	60W external adapter
Power input	12V DC, 5.5x2.5 mm barrel plug
Redundancy	-
Power draw	Idle: ~5W, full-load: ~15W

Compatibility

OS	Windows 10 / 11 (IoT), Linux
Others	

Environment

Operating temp. range / Humidity	0..50°C / 10...95%, non-condensing
Protection class	IP50

Compliance

Conformity	CE, RoHS, REACH
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General

Scope of delivery	IPC, documentation, PSU, certificate of conformity
Language	EN, DE
Long-term-availability	-
Warranty	3 years, optional 4, 5 years*
Country of Origin	Germany
Tariff code	84715000

*Depending on actual system configuration / may require optional accessory

**Maybe occupied due to acutal system configuration