

SEMI INDUSTRIAL
COMPUTING



OFFICE / WORKSTATION



SIGNAGE



Fanned BM1100



- Scalable performance: AMD Ryzen 5 8500G, Ryzen 7 8700G
- 1.6L compact and flat design
- Silent operation



Fanned BM1100 is a powerful and robust Mini Computer made for general computing tasks, digital signage and thin client computing as well as GPU – hungry applications, including AI.

IPC
FANNED BM1100

PN: TBD

Issued: 08/25
Status: released

Factsheet

Physical properties	
Chassis	Full-metal aluminium construction, natural anodized
Dimensions	196x180x47 mm (WxDxH)
Cooling	1x CPU cooler with 92mm silent fan
Mounting options*	Mounting threads on the bottom, VESA bracket
Weight	1.5 kg
Hardware	
Formfactor / Mainboard	Mini-ITX / Asus Pro A620AT-CSM
CPU	AMD Ryzen 5 8500G AMD Ryzen 5 PRO 8500G AMD Ryzen 7 8700G AMD Ryzen 7 PRO 8700G
RAM	4, 8, 16, 32, 64, 128 GB DDR5 (ECC optional)
Storage	1x 250GB – 2TB m.2, 1x 250GB – 4TB 2.5"
Graphics	AMD Radeon, 1x HDMI 2.0, 1x Displayport
Communication	
WLAN*	802.11 b/g/n/ac + Bluetooth
LTE*	-
Others	-
I/O	
I/O front	2x USB 2.0
I/O back	2x USB 3.2gen1, 2x USB 3.2gen 2x1, 1x RJ GLAN, 1x HDMI, 1x DP, 2x Audio, 1x RS232
I/O internal**	5x USB 2.0, 1x USB 3.1, 1x USB 3.2 gen 2 (for Type-C), 1x LVDS, 1 RS232, 2x SATA, 1x m.2 key E, 1x m.2 key M, 1x SPI, 1x Frontpanel Header, 1x chassis intrusion
Power supply	
PSU	90W external adapter
Power input	19V DC, 5.5x2.5 mm barrel plug
Redundancy	-
Power draw	Idle: ~9W, full-load: ~75W
Compatibility	
OS	Windows 10 / 11 (IoT), Linux
Others	
Environment	
Operating temp. range / Humidity	0..45°C / 10...95%, non-condensing
Protection class	IP50
Compliance	
Conformity	CE, RoHS, REACH
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