ISAAC®

Foundation 100 Series

Technical Specifications

F110

System

Processor	Raspberry Pi Compute Module 4 (CM4) with Broadcom BCM2711 Cortex-A72 (ARM v8)
Processor Cores	4
Processor Cores	1.5 GHz
Memory	8 GB

Mechanical

Dimensions (WxHxD)	102.5 x 129 x 38 mm 4.04 x 5.08 x 1.50 in
Mounting	DIN Rail Mounting Kit (Edge)

Storage

Expansion & Storage	512 GB M.2 SATA SSD

Environmental & Regulatory

Operating Temperature	-20 ~ 60°C
Certifications	FCC 47 CFR Part 15 CE UL/ETL Listed configurations available CB scheme WEEE Directive (2002/96/EC) ErP Directive (2009/125/EC) Low Voltage Directive (2014/35/EU) Electromagnetic Compatibility Directive (2014/30/EU) Radio Equipment Directive (2014/53/EU) - For configurations with wireless transmitters RoHS 2 (2011/65/EU) RoHS 3 (2015/863/EU) REACH RCM VCCI-CISPR-32 EN 301 489-1 EN 301 489-17 EN 55032 EN 55035 EN 62368-1 IEC 62368-1 UL 62368-1

Top I/O

USB	2 USB 2.0 Ports 1 USB 3.2 Gen 1 Port USB-C Port (CM4 management)
Video	1 HDMI Port
Other	1 Reset Button

Bottom I/O

Ethernet	2 1GbE LAN PoE PD Input
Power	3-Pin Terminal Block Power Input (8~24 DC, 22W max) or PoE
Serial	1 RS-232/422/485 5-pin Terminal Block

Drawing

129mm — 38mm — Top

129mm — 38mm — Bottom

38

134

102.5

127.3