

PMC-100

PoE Powered Mini-Computer

Quadpair

The PMC-100 is a compact, Power over Ethernet (PoE) powered, fanless, Intel based mini-Computer that is well suited for a variety of video security, digital signage and thin client applications.

With a video decode capability of up to 32 SD channels, dual 4K video outputs and dual 2.5G Ethernet ports, the PMC-100 is ideal for:

- Video monitoring stations
- Public view monitor
- Video decoder or spot monitor
- Virtual matrix and video walls
- Digital signage and advertising
- Cloud connector
- Thin client



Specifications			
Processor	Intel Amston Lake x7211RE Dual core 1.0GHz (2.4 GHz Burst)	Power Consumption	18W not including optional SSDs
Memory	4GB Quad Channel LPDDR5 4800 MT/s	Power Source	PoE+ IEEE 802.3at Class 4
Storage	32GB eMMC Optional NVMe SSD up to 2TB and SATA SSD up to 4TB	Operating Temp	0°C to +55°C (32°F to 131°F) -40°C to +55°C with Burst disabled
Video Output	Dual simultaneous output up to 4K30	Cooling	Fanless convection cooled
Audio Output	Through HDMI and DP	Enclosure	Black powder coated aluminum
Ports	Dual 2.5G BASE-T RJ45 Mini HDMI Type C Mini Displayport DP++ Dual USB 3.2 Gen 2 Type A Kingston Security Lock	Dimensions (WxDxH)	130 mm x 115 mm x 42 mm 5.12 in x 4.53 in x 1.65 in
Security	Secure Boot and TPM 2.0	Weight	560g not including mounts
Warranty	3 years	Certifications	FCC Part 15 Subpart B Class A IC ICES-003 Class A EN 55032 / CISPR32 EN 55035 / CISPR35 CE, UKCA, ROHS



The PMC-100 is manufactured in Canada and is TAA compliant.

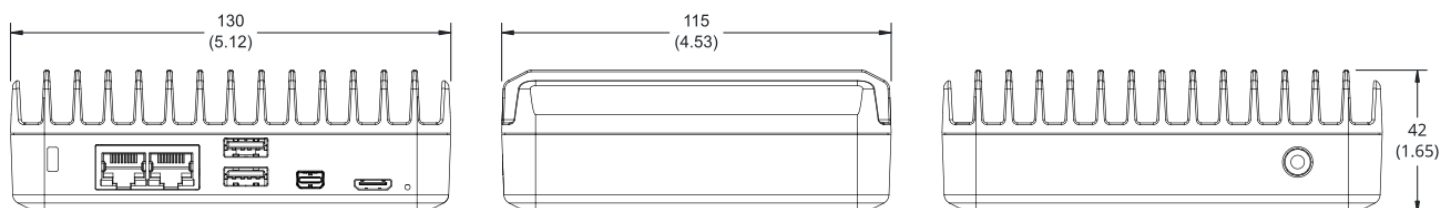
Video Decoding Performance

Stream Resolution	SD (640 x 480)	HD (1280 x 720)	2 MP (1920 x 1080)	4 MP (2688 x 1520)	6 MP (3328 x 1872)	8 MP (3840 x 2160)
Number of Streams	32	16	8	6	4	2

Note: Measured with VLC on Windows 11 IoT Enterprise 2024 LTSC. Actual decoding performance will vary depending on the software used.

Dimensions

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Quadpair reserves the right to update product designs and technical specifications without notice to ensure peak performance. For the most current data sheets and version history, please visit quadpair.ca