



amino 

KAMAI 7E

HIGH PERFORMANCE 4K UHD ENTERPRISE
DEVICE, OPTIMISED TO DELIVER HIGH
QUALITY CONTENT TO DIGITAL SIGNAGE
AND HOSPITALITY APPLICATIONS.



The Kamai 7E is designed for “out of sight” operation to deliver content across a diverse range of environments – from in-room hospitality through public space signage and advertising applications where demand for 4K-based services is growing rapidly.

Sector-specific features include a Power over Ethernet (PoE) capability for single-cable installation that reduces installation time and cost. A serial display port, IR extender port and VESA mounting all support out-of-sight operation, easy installation, and promote a simplified user experience.

In a rugged case, the device combines a high-performance ARM v7 processor with graphics acceleration for fast rendering of high quality graphics. HEVC capability enables the delivery of high quality images in areas where bandwidth or physical head-end storage needs to be optimised.

Features

- High performance 12k DMIPS ARM v7 processor with GPU for fast rendering of high quality graphics
- HEVC/4Kp60 provides high quality images at reduced bandwidth
- Internal 2x2 Wi-Fi option for networking/trickle-feed of content to external or internal Flash memory for remote playback
- Out-of-sight operation using flexible RCU receiver options - internal BLE or RF4CE receiver, IR extender port as standard
- Tamper-proof, ruggedized chassis
- Integrated mounting brackets (VESA) to fit behind a screen for digital signage apps or underneath a desk for hospitality apps
- Optional power-over-Ethernet for single cable install


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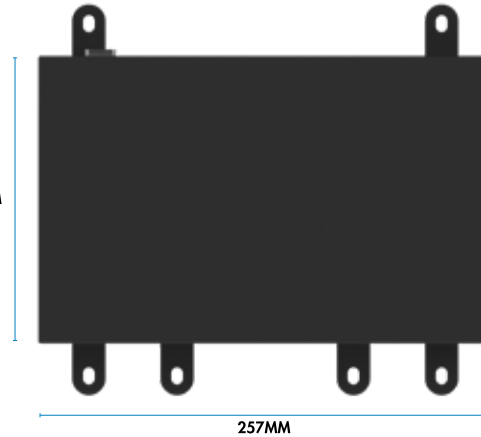
SPECIFICATIONS

PROCESSOR	12K DMIPS
SUPPORTED VIDEO FORMATS	MPEG-2, H.264 AVC, H.265 HEVC, VP9
MEMORY OPTIONS	1GB RAM OR 2GB RAM 256MB FLASH OR 8GB EMMC (DEFAULT CONFIGURATION 1GB RAM AND 8GB EMMC)
NETWORKING & CONNECTIVITY OPTIONS	POWER-OVER-ETHERNET (POE) ²
VIDEO/AUDIO OUTPUTS	HDMI 2.0 RS232/TVI DISPLAY PORT WITH IR PASS-THROUGH
INTERFACES	POWER, GIG ETHERNET, 1X USB3.0, 1X USB2.0 ³ , IR EXTENDER PORT, RESET BUTTON, STANDBY LED



VESA OR DESK MOUNTINGS

STATUS LED AND IR RECEIVER



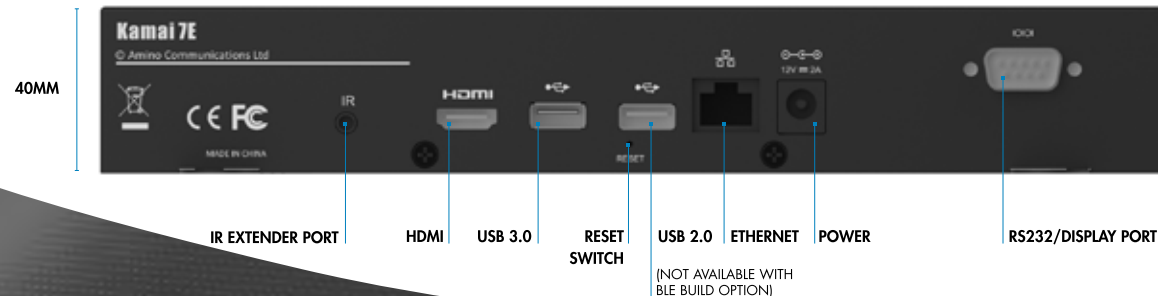
163MM

257MM

¹BLE requires a custom hardware build with support for 1x external USB 3.0 port only, there is no support for the additional USB 2.0 port in this configuration.

²PoE: due to the power requirements for operation of all the hardware features, Amino recommends using a type 2 switch. A limited feature use-case can be supported for use with type 1 switches - details available on request.

^{3/4}Not available with BLE build option.



IR EXTENDER PORT

HDMI

USB 3.0

RESET SWITCH

USB 2.0

ETHERNET

POWER

RS232/DISPLAY PORT

(NOT AVAILABLE WITH BLE BUILD OPTION)

OUR ENTERPRISE PRODUCT PORTFOLIO

Model	H140	H150	Kamai 7E
CHIPSET & MEMORY			
DMIPS	800	2000	12,000
Memory (RAM)	256MB	1GB	1GB/2GB
Memory (Flash)	128MB	256MB	256MB/8GB eMMC
MECHANICS			
HDMI	1.3a	1.4a	2.0
USB	2 x USB2.0	2 x USB2.0	1xUSB 2.0 ⁴ , 1 x USB3.0
Ethernet	10/100	10/100	10/100/1000
Wi-Fi (internal)	No	No	2x2ac Option
RF4CE (internal)	No	No	Option
LE (internal)	No	No	Option
IR	Yes	Yes	Yes
3.5mm Jack (Composite AV)	No	Yes	No
Mini-Din (Component/Composite AV)	10 pin	No	No
S/PDIF	Yes	No	No
POE (internal)	No	Option	Option
RS232/TVI with IR pass-thru	Yes	Yes	Yes
Ruggedised case/VESA mount	Yes	Yes	Yes
VIDEO/GRAPHICS SUPPORT			
HEVC	No	No	Yes
4k UHD	No	No	Yes
Max. Single decode	1080i60	1080i60	4kp60
Max. Dual decode	No	1080i60	ROADMAP
OpenGL ES 2.0	No	SDK only	Yes
ECOSYSTEM			
Browser	Opera 11	Opera 12	Opera Chromium or Webkit
Verimatrix VIEWRIGHT	Yes	Yes	Yes
Verimatrix ULTRA	No	No	ROADMAP
SecureMedia	Yes	Yes	ROADMAP

DEFAULT SALES CONFIGURATION FOR PRODUCT OPTIONS:

1GB RAM, 8GB eMMC, RF4CE, PoE, 1x USB3.0, 1x USB2.0

