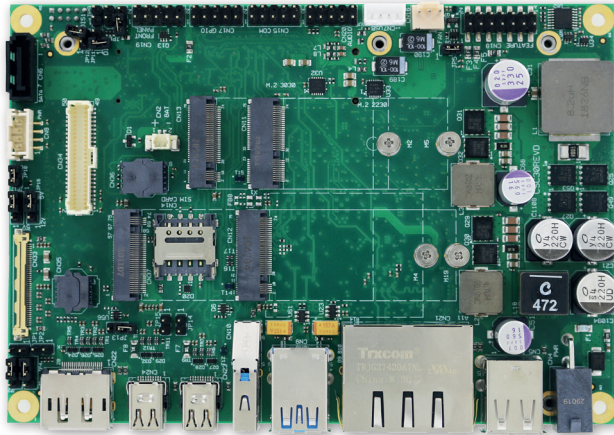




Carrier-COMe-T6-C30

Carrier Board for COM Express® Type 6 Modules on 3.5" form factor

Most compact, I/O-rich COM Express® Type 6 carrier board



HIGHLIGHTS

- Specifically designed for digital signage
- Broad variety of connectivity possibilities in the compact 3.5" form factor
- Multi-display support
- Ultimate versatility



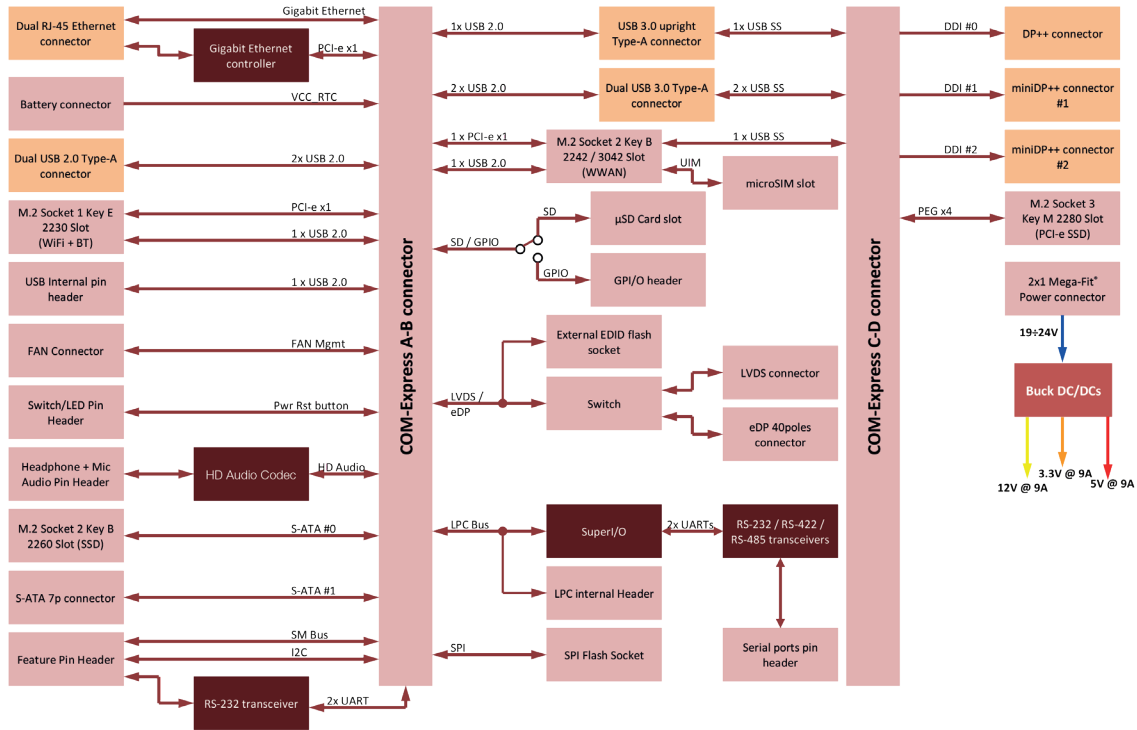
FEATURES

Video Interfaces	1 x DP++ connector 2 x miniDP++ connectors LVDS 24-bit Single/Dual Channel LVDS External EDID flash socket eDP 4-lanes 40 poles VESA connector	Other Interfaces	microSIM slot for M.2 modem 4 x GPI + 4 x GPO pin header (interface multiplexed with μ SD slot) Button / LEDs front panel header 3-pin tachometric FAN connector I2C + SM Bus on feature Pin header LPC internal header
Mass Storage	S-ATA 7p M connector + 4 pins power connector M.2 Socket 2 2260 Key B slot for SSD M.2 Socket 3 2280 Key M slot for PCI-e x4 SSDs μ SD Card slot (interface multiplexed with GPIO header)	Power Supply	19 \pm 24 V _{DC} (only CPU modules with max 45W TDP supported) Mega-Fit® 2x1 Power Connector Cabled Coin-cell connector for RTC
Networking	Dual RJ-45 connector (1 port managed by COM Express Gigabit Ethernet interface, 1 port managed by Carrier board's Intel® I21x GbEthernet controller) M.2 Socket 2 2242 / 3042 Key B slot for WWAN modules (modem) M.2 Socket 1 2230 Key E slot for WiFi / BT modules	Operating Temperature*	0°C \div +50°C
USB	3 x USB 3.0 Host ports on Type-A sockets 2 x USB 2.0 Host ports on Type-A sockets 1 x USB 2.0 Host port on internal pin header	Dimensions	146x102mm (3.5" form factor, 5.75" x 4.02")
Audio	On-board HD Audio Codec (Realtek ALC262) Mic In + Line Out internal pin header	*All carrier board components must remain within the operating temperature at any and all times, including start-up; carrier operating temperature is independent of the module installed. Please refer to the specific module for more details. Actual temperature will widely depend on application, enclosure and/or environment. Upon customer to consider specific cooling solutions for the final system.	
Serial Ports	2 x RS-232 / RS-422 / RS-485 ports on internal pin header (from carrier board's SuperI/O) 2 x RS-232 ports on feature pin header (from module)		

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BLOCK DIAGRAM



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EDGEHOG OS

A flexible operating system that adapts to your needs, thanks to the customization tool and Docker support. Reliability and security are built-in through a dual-partition system and native integration with Exein's robust AI-based protection.

DATA ORCHESTRATION

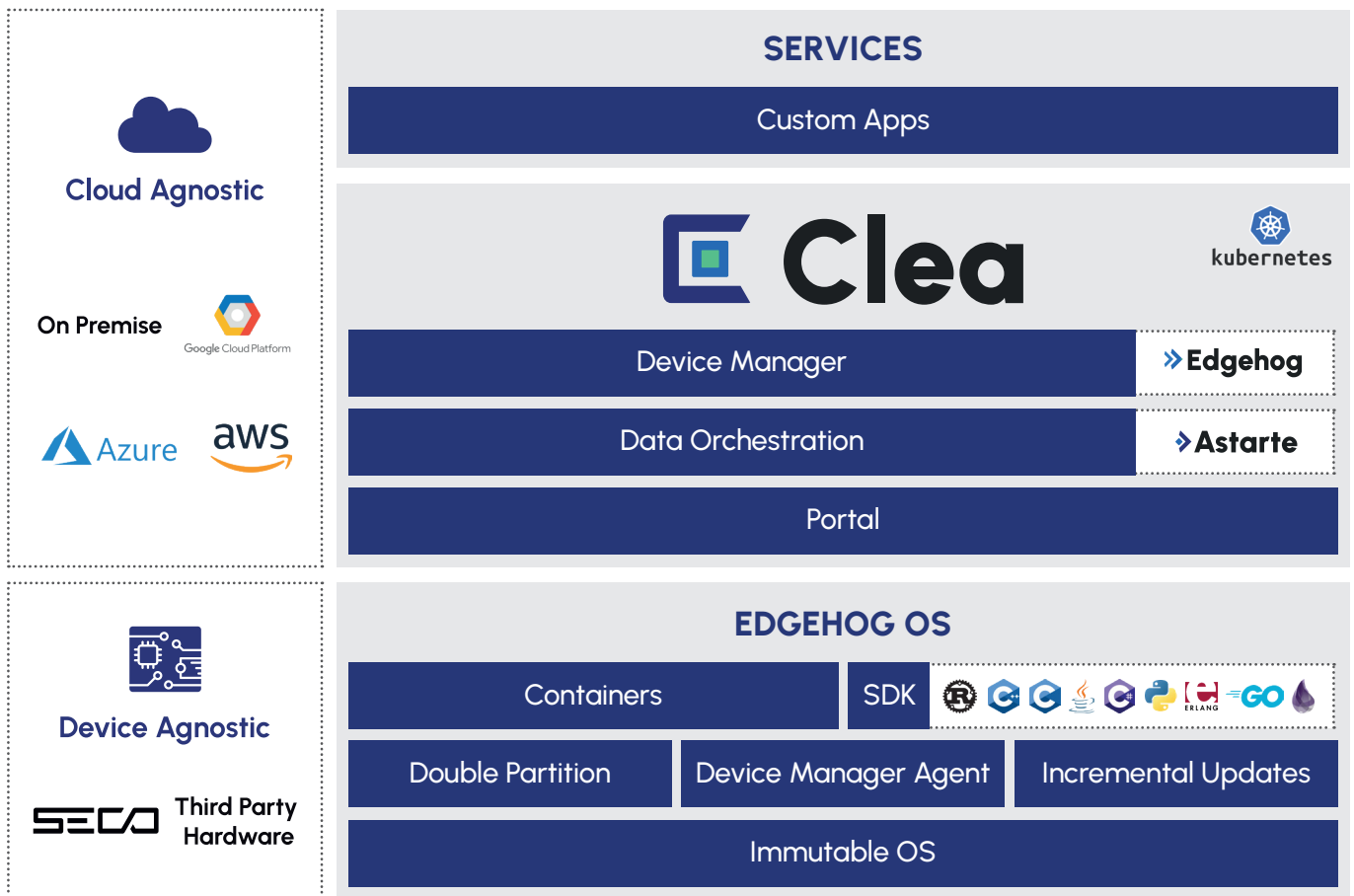
Integrate third-party services, simplify data flows and analysis, and enhance business efficiency by enabling easy and fast utilization of AI.

DEVICE MANAGER

Update, configure, and manage remote devices. Optimize time and costs to maximize operational efficiency and security without the need for costly field interventions.

PORTAL

Analyze data from remote devices, customize the user experience with applications tailored to user needs, and manage user rights, company access, and tenant privileges.



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CLEA DOCS

