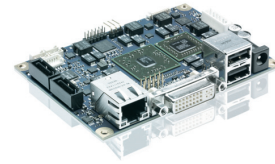


PICO-ITX

Tech Specs At-a-Glance



PICO-ITX

pITX-E38

KTA55/pITX

FORM FACTOR	Pico-ITX	Pico-ITX
DIMENSIONS (H X W X D)	100 x 72 mm	100 x 72 mm
CPU	Intel® Atom™ E3845, E3826, E3815	AMD G-series 1.0 GHz dual core T40N
CHIPSET	-	AMD A55E
MAIN MEMORY	1x SO-DIMM Socket supporting DDR3L-1333/1066 (up to 8 GB)	Up to 1x 4 GB DDR3 SODIMM
GRAPHICS	2x independent graphic outputs, 1x DP 1.1a, up to 2560x1600, 1x LVDS dual channel 24bit, up to 1920x1200	1x DVI and VGA Output via DVI-I, 2x 24 Bit LVDS dual independent display support up to 2 x Full HD
ETHERNET	1x RJ45 10/100/100 Mb/s Ethernet	1x 10/100/1000Mbit Ethernet
HARD DISK	1x microSD card slot (SDXC)	1x microSD-Card-Slot, bootable
SATA	1x SATA 2.0, 1x mSATA shared with mPCIe	2x SATA connector incl. RAID-support
PCI EXPRESS® / PCI SUPPORT	1x mPCIe® 2.0 port (x1 lane)	-
USB	1x USB2.0 + 1x USB3.0/2.0 (Front IO) 2x USB2.0 (Internal)	6x USB 2.0
SERIAL	2x Serial ports UART 16550 (3v3 digital inputs/outputs)	-
AUDIO	HD Analog audio interface (Line-In, Line-Out, Mic-In)	Via VT1708S
I/O	8x GPIOs, SUSLED, SATALED	8x GPIO, Backlight Output selectable 5V or 12V, TPM 1.2
OPERATING SYSTEM	WEC7, WES7, WES8, Win7, Win8, Linux, Linux Yocto, VxWork	WEC7, WinXPe, WES7, Linux, VxWorks
OPERATION TEMPERATURE	-25°C to +75°C (E1)	0°C - 60°C
COOLING	Passive (5W SoC), Active (7-10W SoC)	-
POWER SUPPLY	Single supply 5V DC, Internal and external lockable connector	Single supply 5V DC, Internal and external lockable connector
POWER CONSUMPTION	3.8W to 5.75W Idle (depending on CPU)	7.25 W Idle

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