



► Embedded imaging PC with Intel® Atom™ processor

The CVS Image Station Micro is an incredibly small embedded PC system based on the ultra low power Intel® Atom™ that runs at processor speeds up to 1.6 GHz, and uses the Intel® US15W System Controller Hub (SCH). The unit is actually smaller than an adult hand, as can be seen in the image. The integrated Intel® Graphics Media Accelerator 500 offers advanced graphics and 3D performance.

Its very small footprint - just 130mm (W) x 95.4mm (D) x 47.1mm (H) - makes it suitable when space for a standard PC is extremely limited.

Within the rugged aluminium chassis, the CVS Image Station Micro provides a full set of I/O features including 1x Gigabit Ethernet, 4x USB 2.0 ports, 2x COM ports, 1x VGA connector, an audio connector, plus PS/2 ports. The CVS Image Station Micro also supports one 2.5" SATA HDD drive bay plus a CompactFlash card for high-capacity storage. In addition, this micro computer can support up to 2GB of DDR2 memory, and only requires a +5V power input.



For added flexibility, the CVS Image Station Micro can be used as a standalone unit, or it can be either wall or DIN-rail mounted. A watchdog timer is also available to monitor the system.

► Technical highlights

- Supports Intel® Atom™ processors, at up to 1.6 GHz ..
- Uses the Intel® US15W core logic chipset ..
- Ultra slim and compact design ..
- Provides 4x USB 2.0 ports and 2x COM ports ..
- Provides one 10/100/1000Mbps Ethernet port ..
- Features a SATA 2.5" drive bay plus a Compact Flash socket ..
- Watchdog timer ..
- DIN-rail (optional)/desktop/wall mount

► Technical data

SPECIFICATIONS	
SYSTEM BOARD	PICO820
CPU	Intel® Atom™ Z510 (1.1 GHz) or Z530 (1.6 GHz) processor
SYSTEM MEMORY	1x 200-pin DDR2 max. up to 1 GB
CHIPSET	Intel® US15W core logic
I/O INTERFACES	2x RS232 (Com 1/2), 1x VGA, 1x Audio (Line-out/Line-in), 1x PS/2 keyboard/mouse, 1x 10/1100/1000 Mbps Ethernet, 4x USB 2.0, 1x VDC 5V power input connector
WATCHDOG TIMER	255 levels, 1-255 s
STORAGE	supports 1x 2.5" SATA HDD drive bay, supports 1x CompactFlash™
POWER SUPPLY	External 5V AC/DC power adapter
CONSTRUCTION	Aluminium
OPERATING TEMPERATURE	0 °C to +50 °C (with W.T. HDD)
DIMENSIONS	130 x 47.1 x 95.4 (W x H x D in mm)
WEIGHT	0.5 kg
CERTIFICATION	CE