



2HE 19inch ruggedized X86 Computer

type number 01254



Main Feature:

This product has been developed for use under harsh environmental conditions as given in military shelters / containers or ship requirements. Depending on several variations and / or custom specific installation this platform might be configured as server- or workstation computer, working under Windows™ or Linux® operating systems as well.

Technical Data:

CPU:	COM Express Typ 6 Basic, Thermal Design Power without fan 35 W max.
Chipset:	3th -7th Generation Intel® Core™ i3, i5, i7, Xeon® Processors tbd.
Graphics:	depending on COM Express CPU type and generation
DRAM:	DDR3 / 4 up to 32 GB depending on COM Express CPU type and generation
Storage:	Up to 2x internal 2.5" SATA III HDD / SSD
Mainboard:	Flex ATX Formfactor, designed and manufactured by Aschenbrenner
Interfaces:	8x 10 / 100 / 1000Mbit Ethernet via 4pcs. dual Intel i350 mini PCIe Controller Cards or 4pcs. Full size mini PCIe sockets 8x RS 422 via on board USB UART, galvanically isolated 3x USB 2.0, Front 1x VGA-Analog, Front 1x 10 / 100 / 1000Mbit Ethernet, Front 1x DVI, internal 1x USB 3.0, internal 1x PCI Express Graphics (PEG) connector, internal 1x PCI Express L1 connector, internal
Sound:	Option: High Definition Audio Codec
Controls:	On / Off Key PWR-Led / HDD-Led / Watchdog-Led
Power supply:	Integrated galvanically isolated power supply, input voltage range 18-32 V DC, transients according to VG96916 T5 w/o interruptions



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Environment: Temperature:	IP54 / EN60529 -31 °C to 60 °C (operating) -40 °C to 70 °C (storage)
EMI:	MIL-STD461F CE102, CS106, CS114, CS116, RE101, RE102, RS101, RS103
Case:	Full aluminium body, milled profiles, anodized, all screws stainless A4
Surface treatment:	lacquered, RAL 9031-HR or tbd. over Surtec 650 finish
Dimensions w/o Connectors and carrying handles:	482.60 mm (459.2 mm body without front plate) x 88.10 mm x 396 mm (W x H x D)
Weight:	7.4 kg
Connectors:	MIL-D38999 or VG96912 or tbd.
Options:	<ul style="list-style-type: none"> ■ SDIP- 27 Level B (ER) / Zone 1 ■ Additional cutouts and / or customized connectors, pinning ■ AC power Supply

Ask for further technical information!
Functional or interface modifications can be realized on
request. Each configuration change causes a new type
number.

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