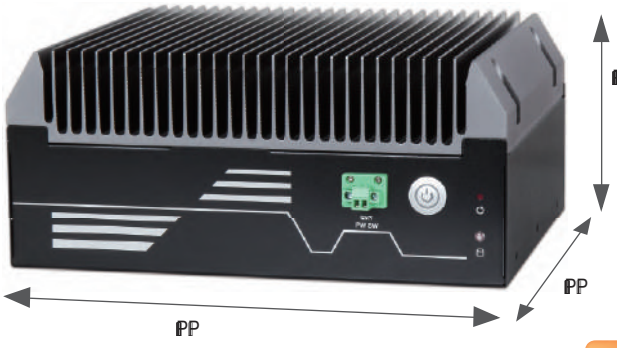
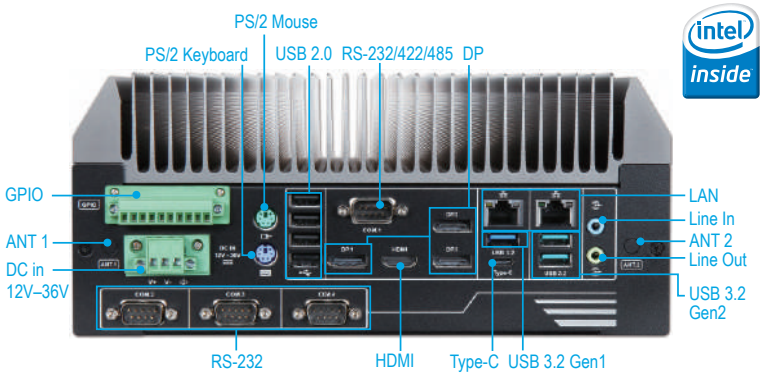
WEBS-45J1

Embedded Rugged Fan-less System with 14th/13th/12th Generation Intel® Core™ i3/i5/i7/i9 based Mini-ITX Board





Rugged | Fanless | Raid Function | HDMI | COM | GbE | USB 2.0/3.2 | DP | M2 | DDR 5

3RUHOOV6LVDLGVULDOUDGH
UHGDGIDHVVHP HGGHGVVHP
GHVLHGLK K K HHUDLRHO
RUHLLLLGHVNRSSURHVVRUVDG
HO 4KLSVHHDUHGDO6
PHPRUIRU20SRUVRLD LKHUH
SRUVRDVRNHVIRUHSDVLRDG
PDLSOHGLVSODLHUDHVLKULK2VLGH
UDHRISRHULSVDGRSHUDL
HPSHUDUHV6LVDLGHDO
HP HGGHGSODIRUPIRUDRUDRPDLR
LGVULDODRPDLRDGGLHUVHRDG
HGHRPSLDSSOLDLRV

FEATURES

- 14tf-13th/12th Generation Intel® Core™ i3/i5/i7/i9processors
- DDR5 4800 SO-DIMM up to 96GB
- Triple DP up to 8K and one HDMI displays
- One M.2 E Key and one M.2 M Key
- 4x COM ports (1x RS-232/422/485)
- 2x Antenna holes for Wi-Fi module

ORDERING GUIDE

	(R).ATO.WEBS-45J1. MINI-ITX System. Intel Raptor Lake-S Redres /Raptor Lake-S/Alder Lake-S Core i3/ i5/i7/i9

System

0 %	:$'(
&38	6XSSRUWLQJ WK *HQ &RUHŒ &38 /*$ VRFNHW ,QWHOU HŒ L 7 ,QWHOU HŒ L 7 ,QWHOU HŒ L 7 ,QWHOU HŒ L 7 ,QWHOU HŒ L 7(,QWHOU HŒ L 7(,QWHOU HŒ L 7(,QWHOU HŒ L 7(,QWHOU HŒ L 7(,QWHOU HŒ L 7(,QWHOU HŒ L 7(
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0HPRU\	6XSSRUWV WZR ''5 GXDO FKDQQHO XS WR *% 62 ',00 V 6XSSRUWV ''5 07 V '3& 5 DQG ''5 07 V '3& 5 62 PHPRU\ RQ DOO L L DQG VHOHFW L 6.8V
6WRUDJH	[6$7$,,, SRUWV
:DWFKGRJ 7LPHU	3URJUDPPDEOH ZDWFKGRJ WLPHU
730	730 2SWLRQDO
+ : 6WDWXV 0RQLWRULQJ	6XSSRUWV 9ROWDJH PRQLWRU 9ROWDJH DQG 7HPSHUDWXUH
([SDQVLRQ	[0 (.H\ ZLWK 3&,H [&19, IRU :LUHOHVV [0 0 .H\ ZLWK 3&,H [DQG 6$7$ IRU 66'

External I/O

6HULDO 3RUW	[&20 SRUWV [56
'LVSOD\	['3 UHVROXWLRQ XS WR . [+'0,
86%	[86% *HQ [7\SH $ [7\SH & [86% *HQ [86%
$XGLR	$XGLR -DFN ZLWK /LQH RXW /LQH LQ ZLWK 5HDOWHN $/
(WKHUQHW	,QWHO 7 *E(DQG ,QWHO *E((WKHUQHW FRQWUROOHU [5- FRQQHFWRUV
*3,2	[3URJUDPPDEOH ELW 'LJLWDO , 2
2WKHU	[$QWHQQD KROH IRU :L)L PRGXOH [(;7 3RZHU 6ZLWFK

Power Supply Unit

3RZHU ,QSXW	'& 9 a 9 ZLWK SLQ 7HUPLQDO %ORFN &RQQHFWRU

Environmental

2SHUDWLQJ 7HPS	&Ua DW &U H
6WRUDJH 7HPSHUD	&Wa XU &U H
5HODWLYH +XPLG	W\ 5+ QRQ FRQGHQVLQJ
2SHUDWLQJ 9LEUD	WLRQ ,(&
2SHUDWLQJ 6KRFN	PVHF ,(&

Mechanical

'LPHQVLRQ	: [' [+ PP
:HLJKW	.J
0RXQWLQJ	:DOO PRXQWLQJ

FC CE RoHS Windows 10 IoT

*All information provided is subject to change without notice. Last updated: January 22, 2024